LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
Data File : BM010031.D
Acq On : 12 May 2017 19:40
Operator : SJ/MA
Sample : I3100-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PMW-2-051017

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_M\METHODS\8270-BM051117.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 | 3.516 | 68 | 73 | 80 | rVB5 | 10401 | 18518 | 1.15% | 0.134% |
| 2 | 4.904 | 303 | 309 | 318 | rBV2 | 35632 | 63479 | 3.96% | 0.458% |
| 3 | 5.351 | 379 | 385 | 399 | rVB2 | 203316 | 351966 | 21.95% | 2.538% |
| 4 | 6.945 | 650 | 656 | 666 | rBV3 | 153379 | 357284 | 22.28% | 2.576% |
| 5 | 7.293 | 710 | 715 | 729 | rVB | 378953 | 635151 | 39.60% | 4.579% |
| 6 | 7.622 | 766 | 771 | 775 | rVB4 | 22545 | 36146 | 2.25% | 0.261% |
| 7 | 7.757 | 788 | 794 | 801 | rBV | 257603 | 425683 | 26.54% | 3.069% |
| 8 | 7.892 | 813 | 817 | 824 | rVB3 | 16416 | 25920 | 1.62% | 0.187% |
| 9 | 8.075 | 840 | 848 | 858 | rVB | 326642 | 555352 | 34.63% | 4.004% |
| 10 | 8.510 | 916 | 922 | 928 | rBV4 | 20705 | 39946 | 2.49% | 0.288% |
| 11 | 8.798 | 965 | 971 | 976 | rBV6 | 24598 | 51565 | 3.22% | 0.372% |
| 12 | 8.934 | 988 | 994 | 1004 | rBV | 293562 | 545031 | 33.99% | 3.930% |
| 13 | 9.069 | 1011 | 1017 | 1022 | rBV6 | 13704 | 23223 | 1.45% | 0.167% |
| 14 | 9.163 | 1029 | 1033 | 1042 | rVB7 | 15303 | 35124 | 2.19% | 0.253% |
| 15 | 9.304 | 1053 | 1057 | 1063 | rVB5 | 10882 | 17074 | 1.06% | 0.123% |
| 16 | 10.551 | 1262 | 1269 | 1281 | rBV | 337036 | 595823 | 37.15% | 4.296% |
| 17 | 11.216 | 1375 | 1382 | 1385 | rBV5 | 19447 | 33842 | 2.11% | 0.244% |
| 18 | 12.227 | 1548 | 1554 | 1566 | rBV2 | 121469 | 349068 | 21.77% | 2.517% |
| 19 | 13.022 | 1682 | 1689 | 1696 | rBV | 718524 | 1054868 | 65.78% | 7.606% |
| 20 | 13.869 | 1828 | 1833 | 1845 | rVB | 344771 | 515176 | 32.12% | 3.714% |
| 21 | 14.280 | 1898 | 1903 | 1909 | rBV2 | 33364 | 49312 | 3.07% | 0.356% |
| 22 | 14.410 | 1918 | 1925 | 1936 | rVB2 | 493895 | 781421 | 48.73% | 5.634% |
| 23 | 14.833 | 1993 | 1997 | 2001 | rVV6 | 13448 | 23000 | 1.43% | 0.166% |
| 24 | 14.898 | 2005 | 2008 | 2014 | rVB6 | 13799 | 19752 | 1.23% | 0.142% |
| 25 | 15.233 | 2061 | 2065 | 2071 | rBV | 100855 | 134882 | 8.41% | 0.972% |
| 26 | 15.639 | 2125 | 2134 | 2138 | rBV4 | 30298 | 74321 | 4.63% | 0.536% |
| 27 | 15.733 | 2146 | 2150 | 2156 | rVB6 | 11981 | 18830 | 1.17% | 0.136% |
| 28 | 15.792 | 2156 | 2160 | 2168 | rBV3 | 17411 | 30718 | 1.92% | 0.221% |
| 29 | 15.857 | 2168 | 2171 | 2175 | rBV4 | 15384 | 20516 | 1.28% | 0.148% |
| 30 | 15.916 | 2175 | 2181 | 2190 | rBV | 595412 | 925135 | 57.69% | 6.670% |
| 31 | 16.098 | 2207 | 2212 | 2220 | rBV2 | 139594 | 244555 | 15.25% | 1.763% |
| 32 | 16.439 | 2263 | 2270 | 2274 | rBV6 | 22033 | 47503 | 2.96% | 0.342% |
| 33 | 16.557 | 2287 | 2290 | 2295 | rBV4 | 21823 | 34097 | 2.13% | 0.246% |
| 34 | 16.668 | 2305 | 2309 | 2313 | rBV2 | 57509 | 82550 | 5.15% | 0.595% |

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
Data File : BM010031.D
Acq On : 12 May 2017 19:40
Operator : SJ/MA
Sample : I3100-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PMW-2-051017

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_M\METHODS\8270-BM051117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 16.892 | 2342 | 2347 | 2350 | rBV | 86525 | 104211 | 6.50% | 0.751% |
| 36 | 16.933 | 2352 | 2354 | 2359 | rVB4 | 17104 | 27433 | 1.71% | 0.198% |
| 37 | 17.168 | 2385 | 2394 | 2402 | rBV | 680923 | 998432 | 62.26% | 7.199% |
| 38 | 17.633 | 2469 | 2473 | 2478 | rVB | 25080 | 33934 | 2.12% | 0.245% |
| 39 | 17.933 | 2517 | 2524 | 2528 | rBV7 | 12656 | 28065 | 1.75% | 0.202% |
| 40 | 17.980 | 2528 | 2532 | 2536 | rBV7 | 10561 | 16050 | 1.00% | 0.116% |
| 41 | 18.045 | 2538 | 2543 | 2548 | rBV | 258384 | 327070 | 20.39% | 2.358% |
| 42 | 18.086 | 2548 | 2550 | 2554 | rVB4 | 14110 | 16236 | 1.01% | 0.117% |
| 43 | 19.180 | 2731 | 2736 | 2738 | rBV4 | 19798 | 22472 | 1.40% | 0.162% |
| 44 | 19.321 | 2755 | 2760 | 2767 | rBV2 | 116024 | 176035 | 10.98% | 1.269% |
| 45 | 19.492 | 2787 | 2789 | 2793 | rVB5 | 16023 | 19660 | 1.23% | 0.142% |
| 46 | 19.580 | 2801 | 2804 | 2808 | rVB5 | 14764 | 21364 | 1.33% | 0.154% |
| 47 | 19.792 | 2834 | 2840 | 2845 | rBV | 1302942 | 1603717 | 100.00% | 11.563% |
| 48 | 20.056 | 2882 | 2885 | 2889 | rBV6 | 18186 | 26859 | 1.67% | 0.194% |
| 49 | 20.362 | 2935 | 2937 | 2941 | rBV5 | 16011 | 18903 | 1.18% | 0.136% |
| 50 | 20.580 | 2971 | 2974 | 2977 | rVB3 | 30179 | 35290 | 2.20% | 0.254% |
| 51 | 21.045 | 3049 | 3053 | 3059 | rBV3 | 189753 | 248914 | 15.52% | 1.795% |
| 52 | 21.356 | 3101 | 3106 | 3112 | rBV | 854105 | 1097169 | 68.41% | 7.910% |
| 53 | 23.650 | 3490 | 3496 | 3504 | rVB2 | 415995 | 831146 | 51.83% | 5.992% |

Sum of corrected areas: 13869791

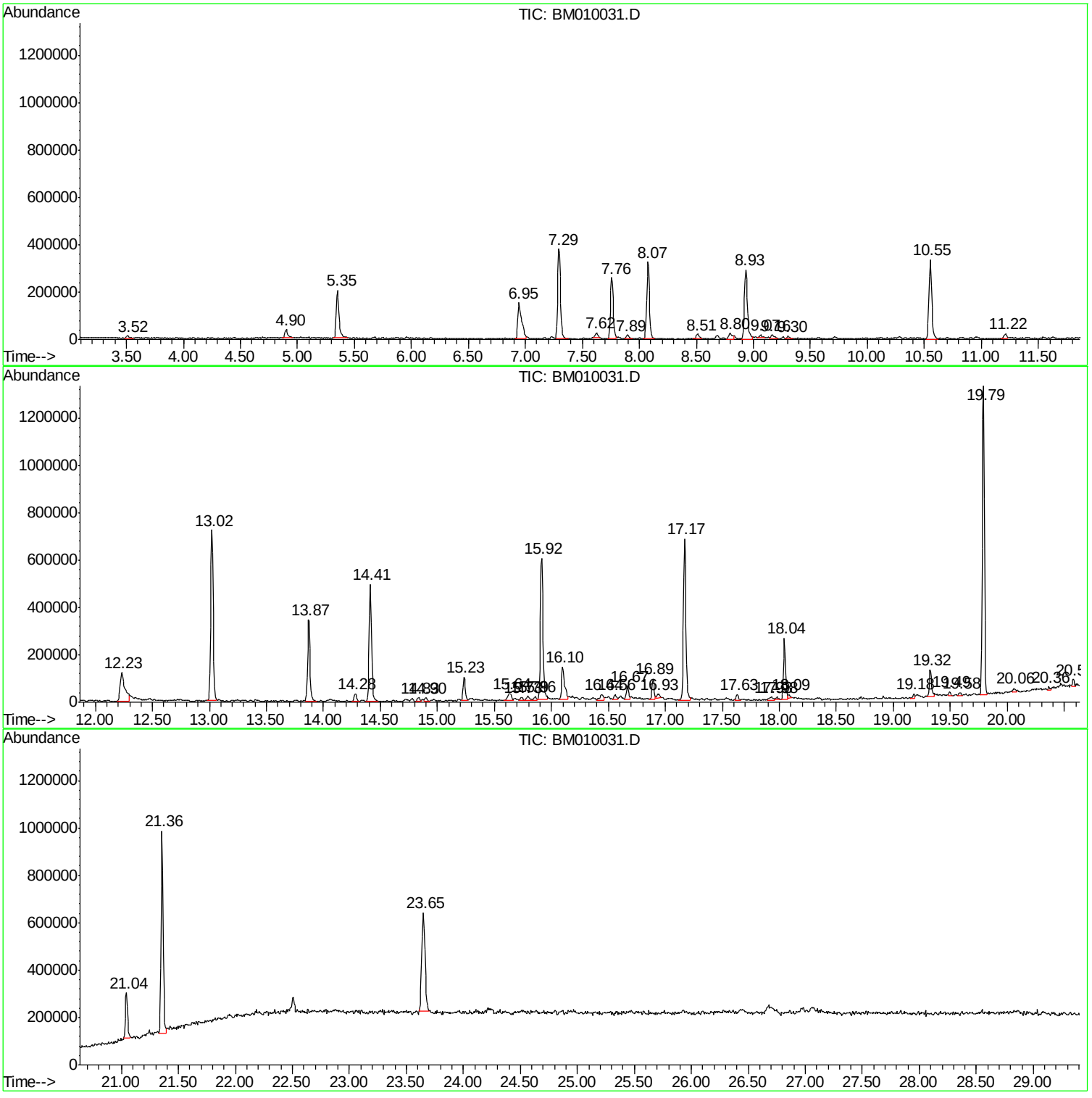
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
Data File : BM010031.D
Acq On : 12 May 2017 19:40
Operator : SJ/MA
Sample : I3100-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
PMW-2-051017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
Data File : BM010031.D
Acq On : 12 May 2017 19:40
Operator : SJ/MA
Sample : I3100-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PMW-2-051017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

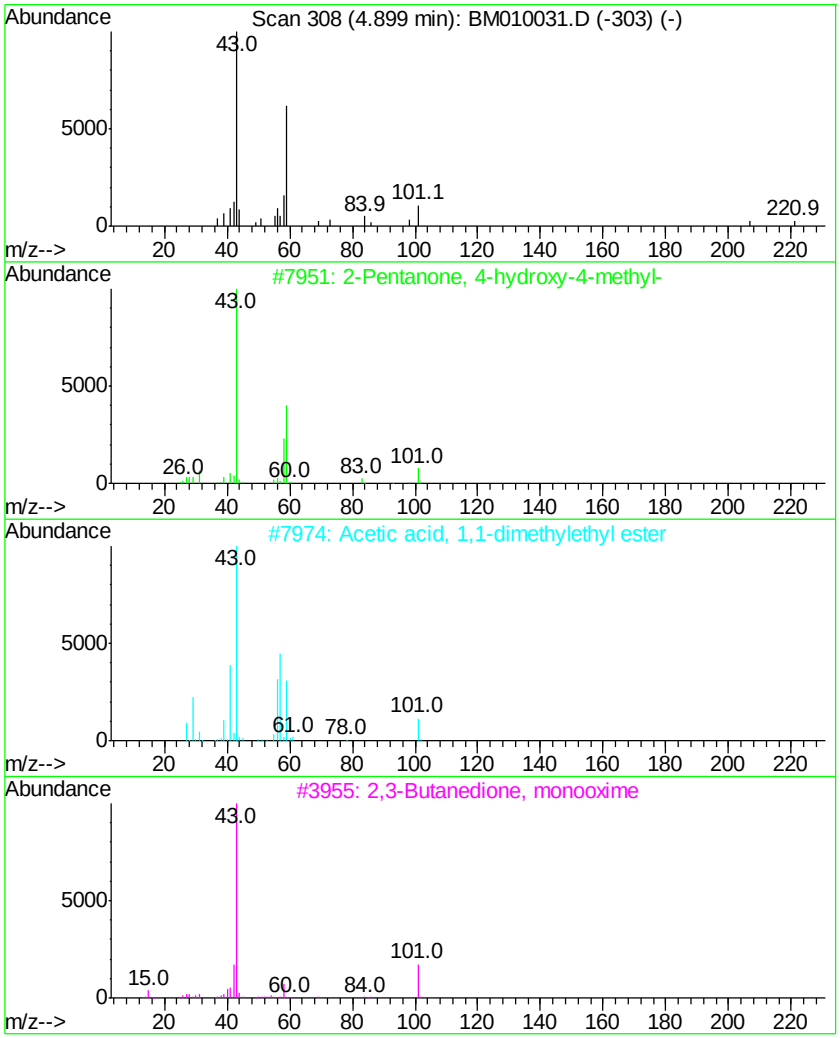
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

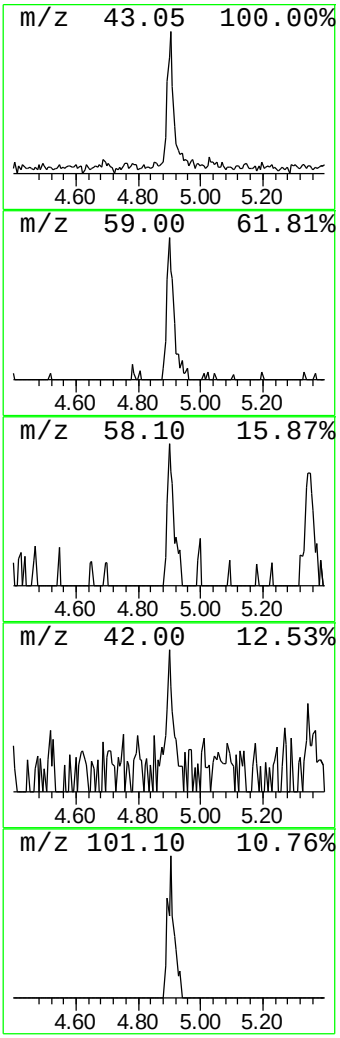
**********

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.90 | 2.98 ng | 63479 | 1,4-Dichlorobenzene-d4 | 7.76 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 42 |
| 2 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 36 |
| 3 | 2,3-Butanedione, monooxime | 101 | C4H7NO2 | 000057-71-6 | 12 |
| 4 | 1-Propanol, 2-methyl- | 74 | C4H10O | 000078-83-1 | 9 |
| 5 | 2-Pentanone | 86 | C5H10O | 000107-87-9 | 9 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
Data File : BM010031.D
Acq On : 12 May 2017 19:40
Operator : SJ/MA
Sample : I3100-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PMW-2-051017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

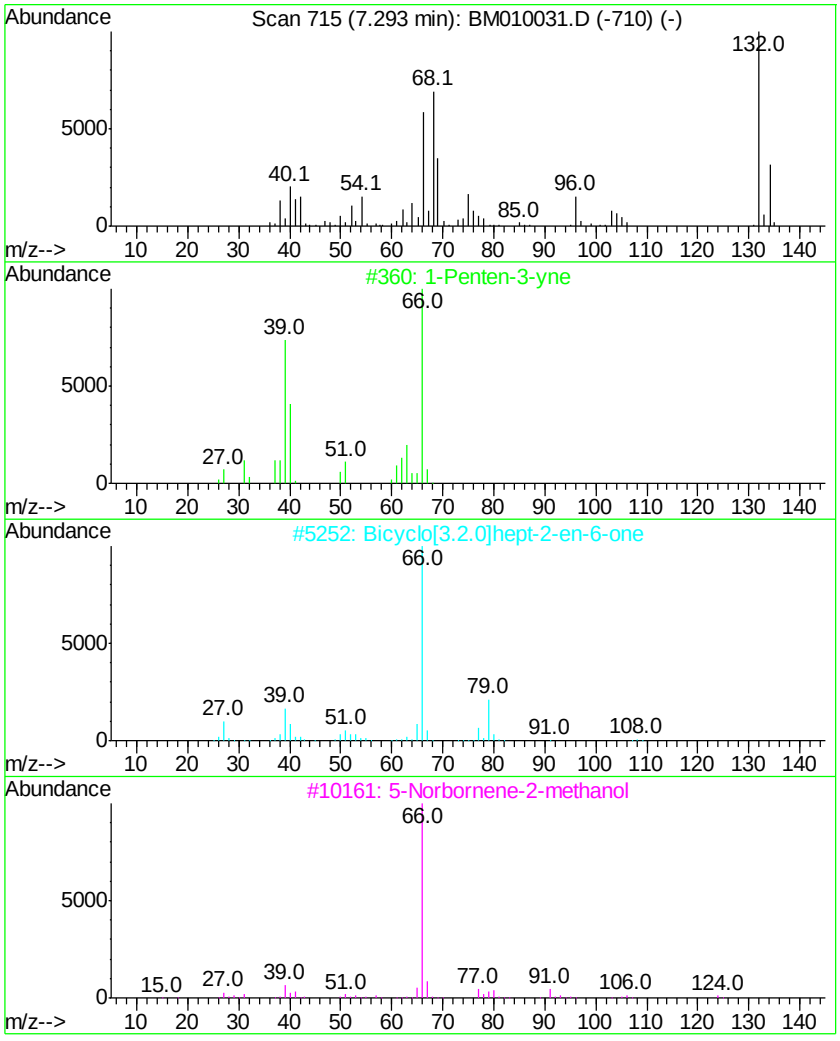
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

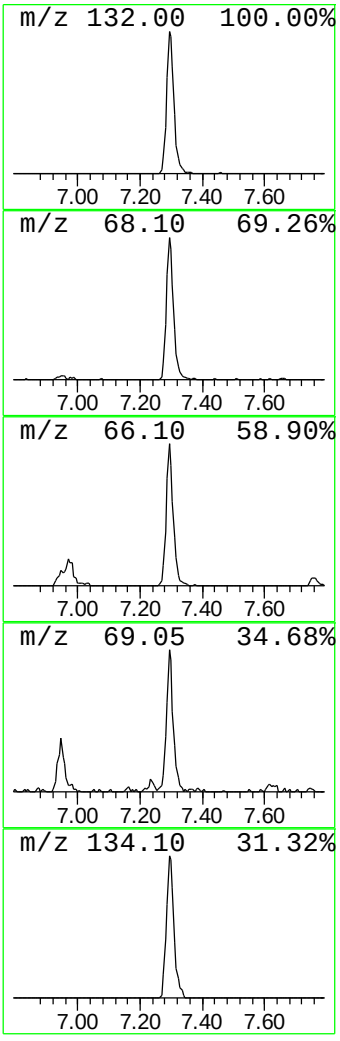
**********

Peak Number 2 unknown7.29 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.29 | 29.84 ng | 635151 | 1,4-Dichlorobenzene-d4 | 7.76 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Penten-3-yne | 66 | C5H6 | 000646-05-9 | 35 |
| 2 | Bicyclo[3.2.0]hept-2-en-6-one | 108 | C7H8O | 013173-09-6 | 25 |
| 3 | 5-Norbornene-2-methanol | 124 | C8H12O | 000095-12-5 | 25 |
| 4 | Silane, bicyclo[2.2.1]hept-5-en-... | 226 | C7H9Cl3Si | 014319-64-3 | 25 |
| 5 | 3-Butenenitrile, 3-chloro- | 101 | C4H4ClN | 021031-46-9 | 23 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
Data File : BM010031.D
Acq On : 12 May 2017 19:40
Operator : SJ/MA
Sample : I3100-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PMW-2-051017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

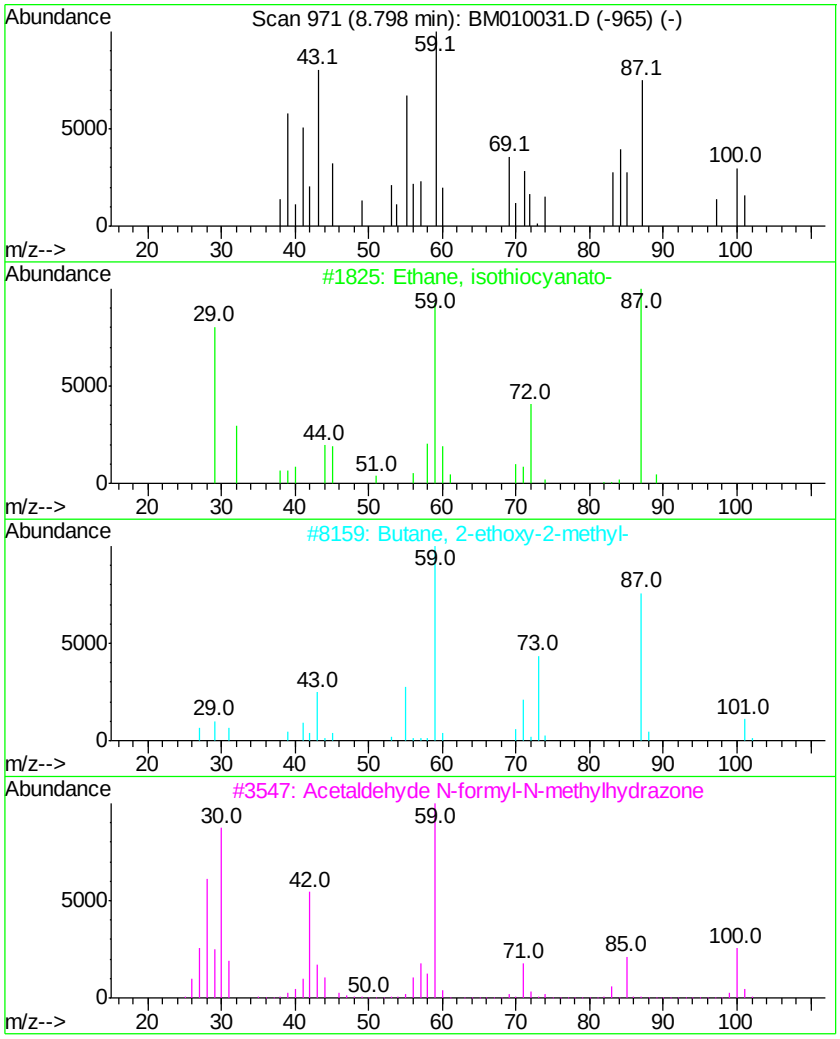
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

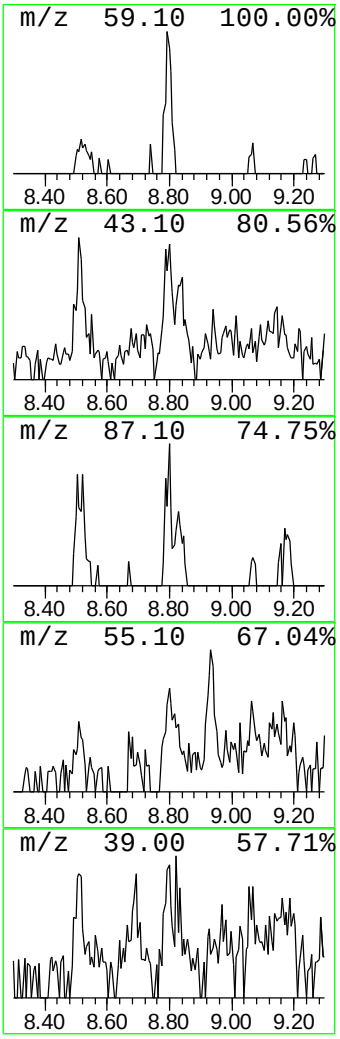
**********

Peak Number 4 unknown8.80 Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.80 | 2.42 ng | 51565 | 1,4-Dichlorobenzene-d4 | 7.76 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethane, isothiocyanato- | 87 | C3H5NS | 000542-85-8 | 37 |
| 2 | Butane, 2-ethoxy-2-methyl- | 116 | C7H16O | 000919-94-8 | 37 |
| 3 | Acetaldehyde N-formyl-N-methylhy... | 100 | C4H8N2O | 016568-02-8 | 30 |
| 4 | 1,3-Propanediol, 2,2-diethyl- | 132 | C7H16O2 | 000115-76-4 | 12 |
| 5 | Ethanol, 2-(2-butoxyethoxy)-, ac... | 204 | C10H20O4 | 000124-17-4 | 12 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
Data File : BM010031.D
Acq On : 12 May 2017 19:40
Operator : SJ/MA
Sample : I3100-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PMW-2-051017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

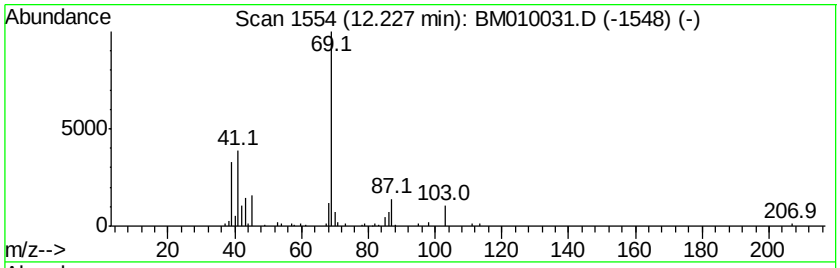
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

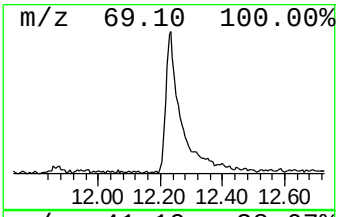
**********

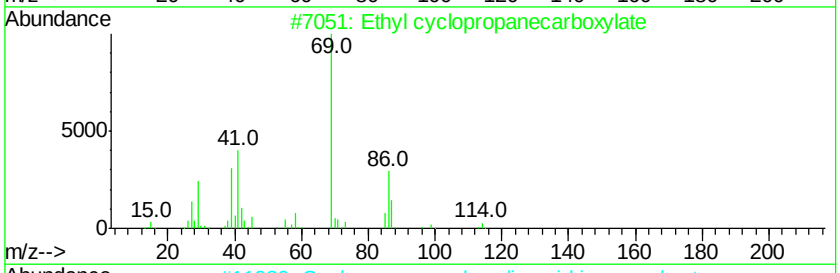
Peak Number 5 unknown12.23 Concentration Rank 3

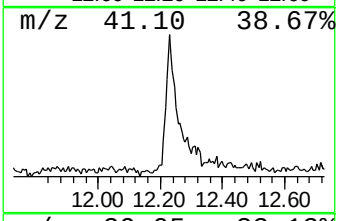
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.23 | 11.72 ng | 349068 | Naphthalene-d8 | 10.55 |

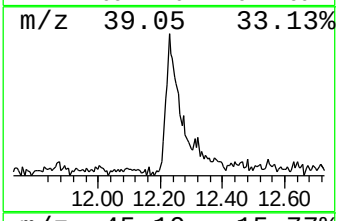
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethyl cyclopropanecarboxylate | 114 | C6H10O2 | 004606-07-9 | 36 |
| 2 | Cyclopropanecarboxylic acid,isop... | 128 | C7H12O2 | 006887-83-8 | 36 |
| 3 | Oxazolidin-2-one, N-[(E)-butenoyl]- | 155 | C7H9NO3 | 1000156-45-5 | 28 |
| 4 | Oxazole | 69 | C3H3NO | 000288-42-6 | 9 |
| 5 | Cyclopentane, ethyl- | 98 | C7H14 | 001640-89-7 | 9 |

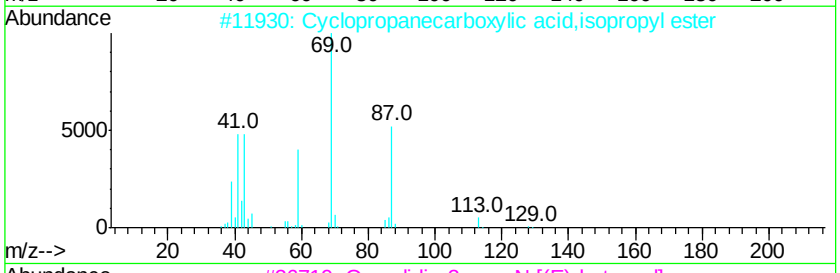


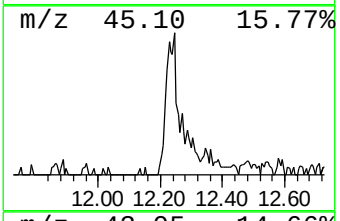



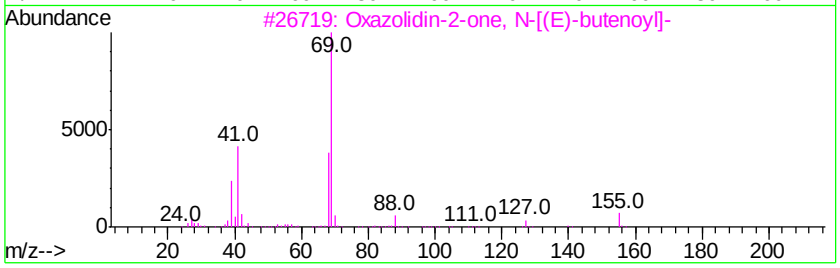



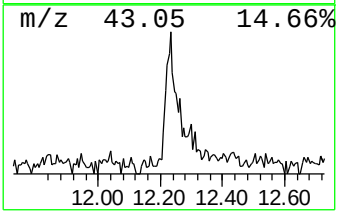



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
Data File : BM010031.D
Acq On : 12 May 2017 19:40
Operator : SJ/MA
Sample : I3100-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PMW-2-051017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

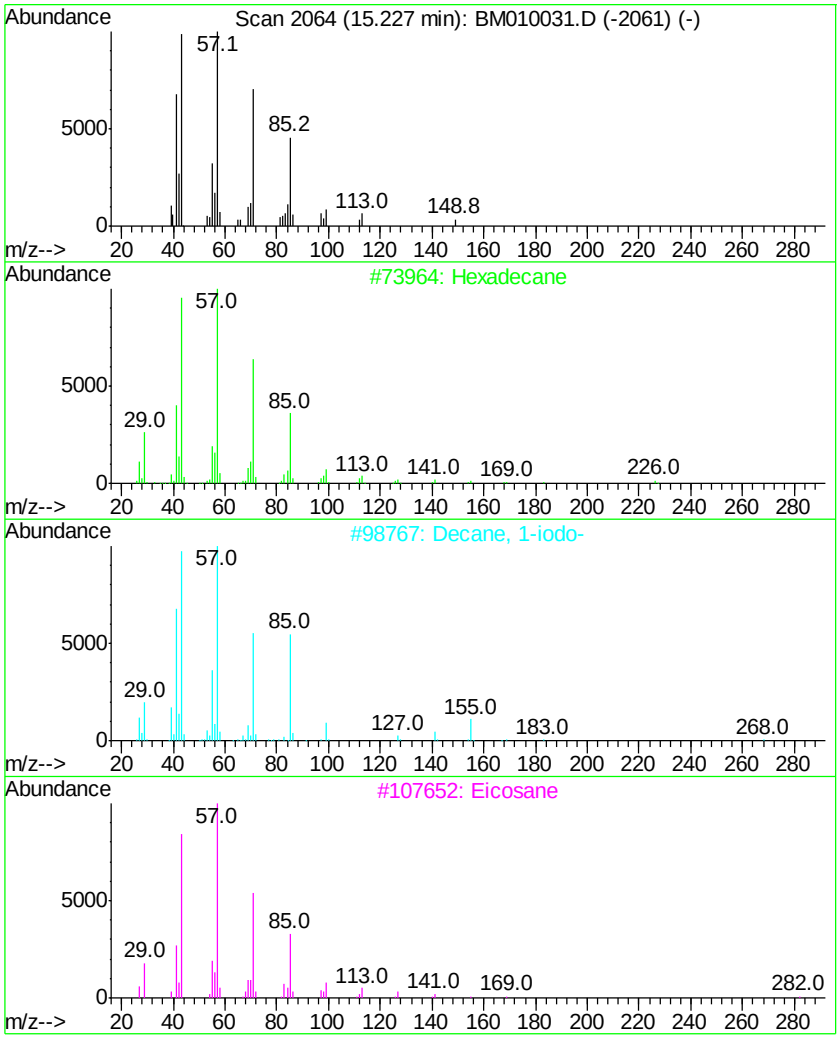
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

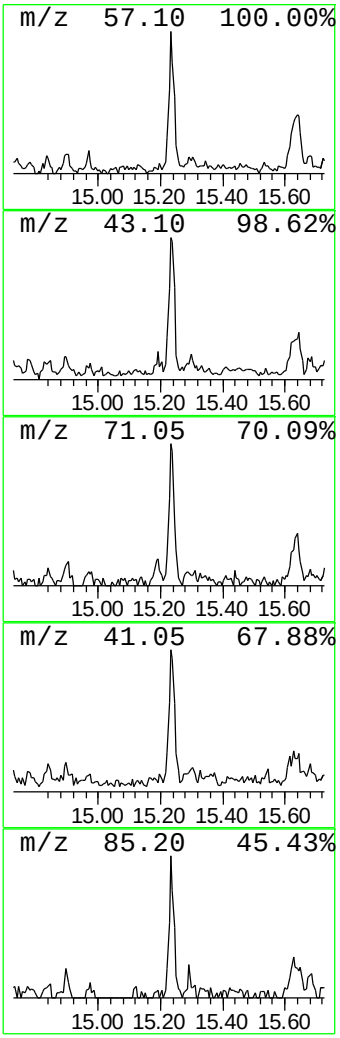
**********

Peak Number 6 Hexadecane Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.23 | 3.45 ng | 134882 | Acenaphthene-d10 | 14.41 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 72 |
| 2 | Decane, 1-iodo- | 268 | C10H21I | 002050-77-3 | 64 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 64 |
| 4 | Decane, 2,3,6-trimethyl- | 184 | C13H28 | 062238-12-4 | 64 |
| 5 | Undecane, 2,3-dimethyl- | 184 | C13H28 | 017312-77-5 | 64 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
Data File : BM010031.D
Acq On : 12 May 2017 19:40
Operator : SJ/MA
Sample : I3100-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PMW-2-051017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

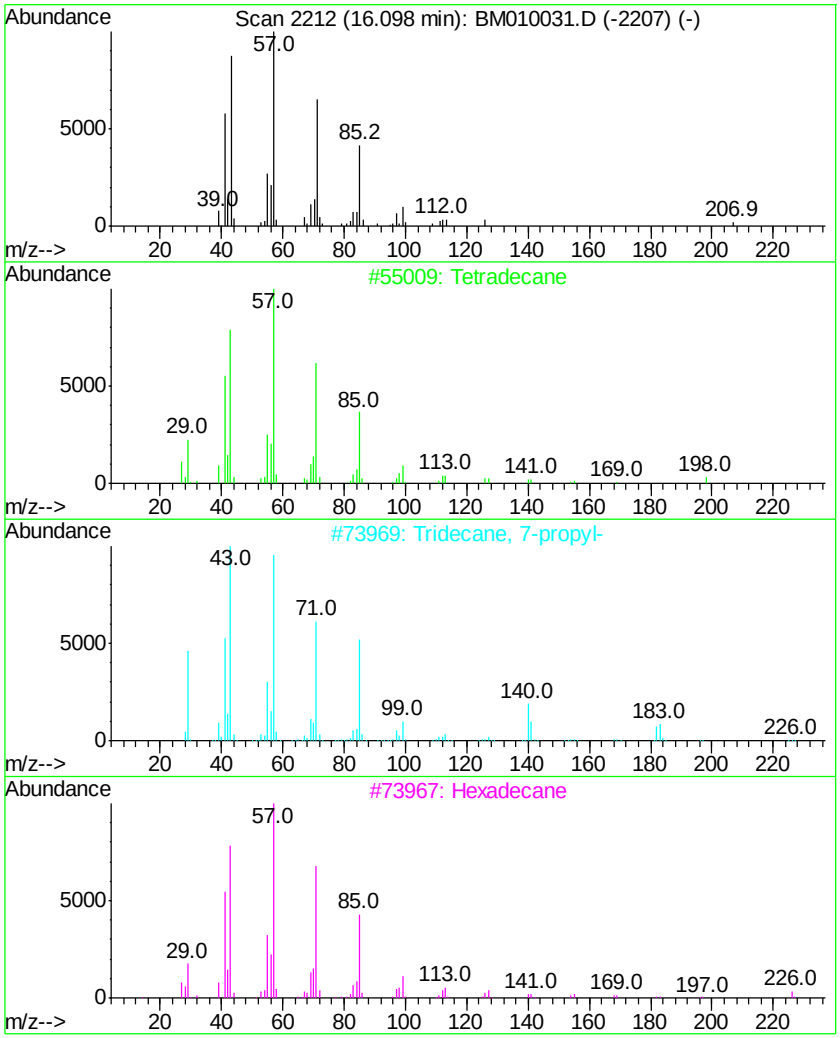
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

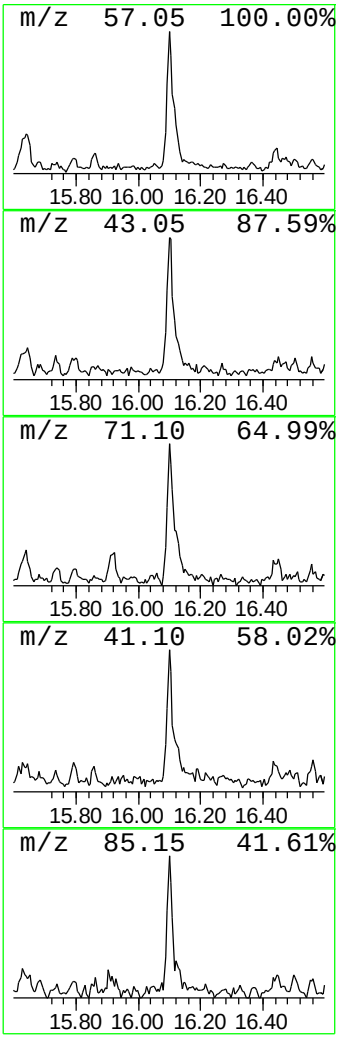
**********

Peak Number 7 Tetradecane Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.10 | 4.90 ng | 244555 | Phenanthrene-d10 | 17.17 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 2 | Tridecane, 7-propyl- | 226 | C16H34 | 055045-09-5 | 86 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 83 |
| 4 | Eicosane | 282 | C20H42 | 000112-95-8 | 78 |
| 5 | Undecane, 3,8-dimethyl- | 184 | C13H28 | 017301-30-3 | 72 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
Data File : BM010031.D
Acq On : 12 May 2017 19:40
Operator : SJ/MA
Sample : I3100-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PMW-2-051017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

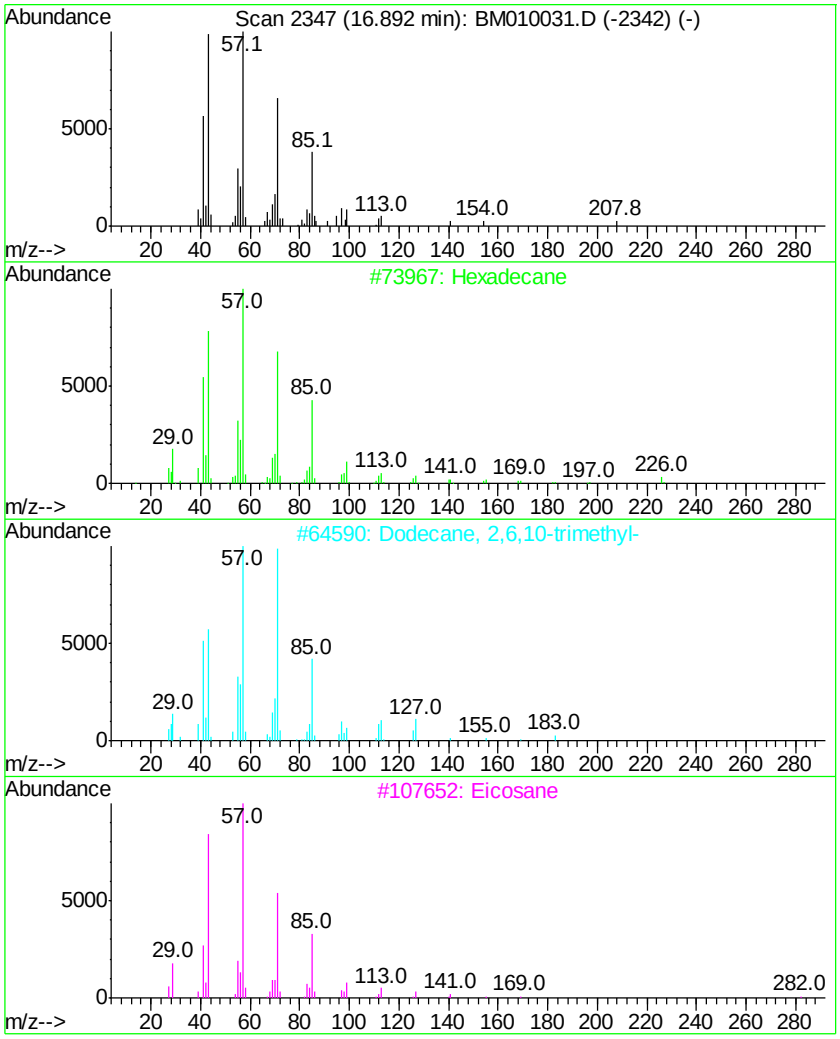
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

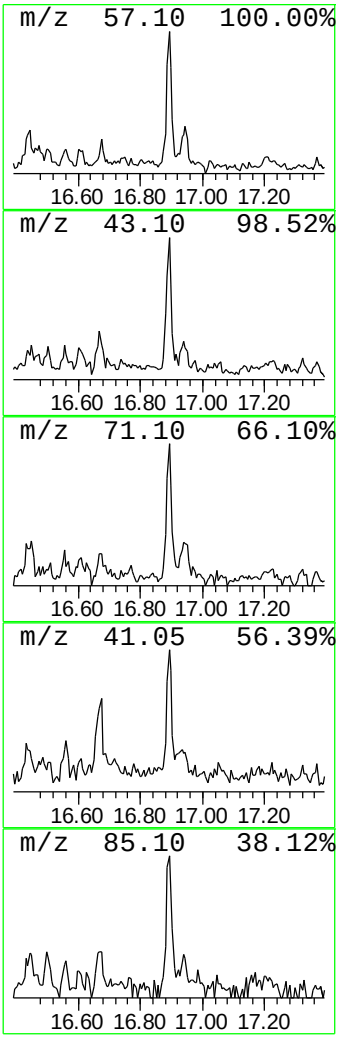
**********

Peak Number 8 Eicosane Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.89 | 2.09 ng | 104211 | Phenanthrene-d10 | 17.17 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 86 |
| 2 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 86 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 83 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 80 |
| 5 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 78 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
Data File : BM010031.D
Acq On : 12 May 2017 19:40
Operator : SJ/MA
Sample : I3100-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PMW-2-051017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

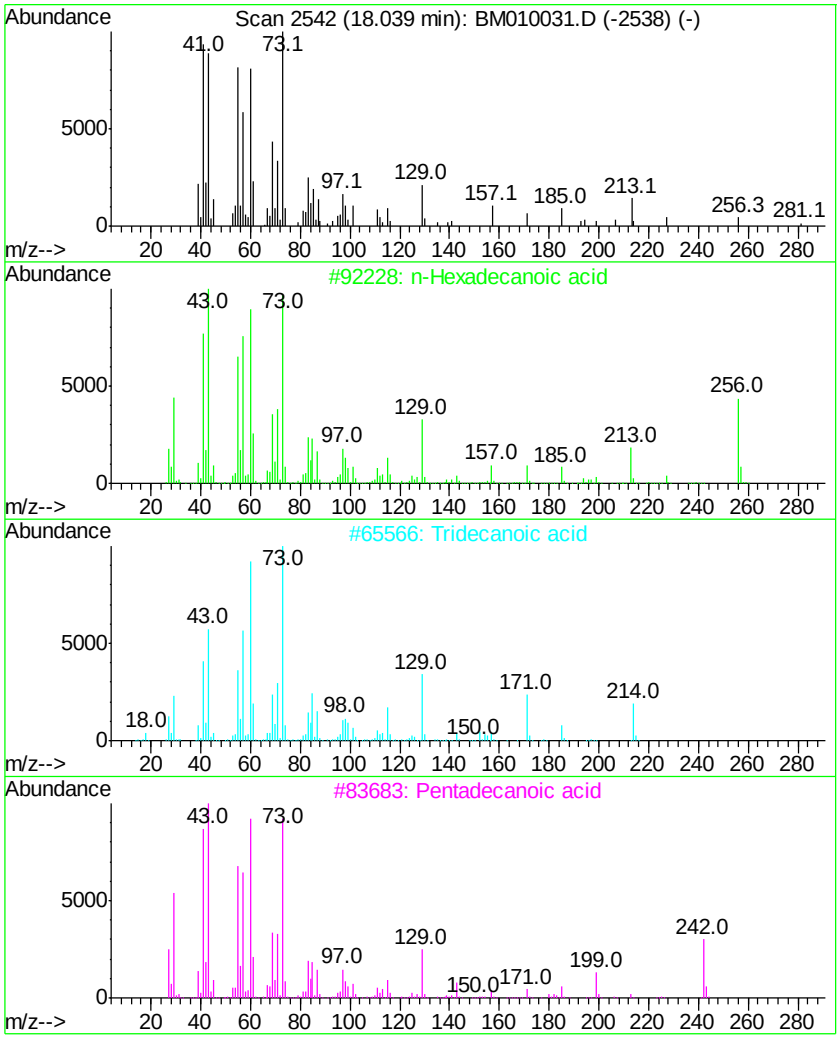
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

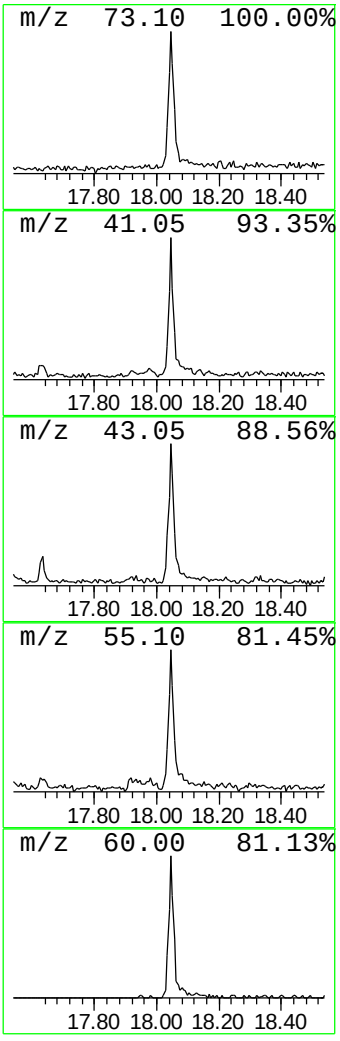
**********

Peak Number 9 n-Hexadecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.04 | 6.55 ng | 327070 | Phenanthrene-d10 | 17.17 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 87 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 87 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 86 |
| 5 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 86 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
Data File : BM010031.D
Acq On : 12 May 2017 19:40
Operator : SJ/MA
Sample : I3100-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PMW-2-051017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

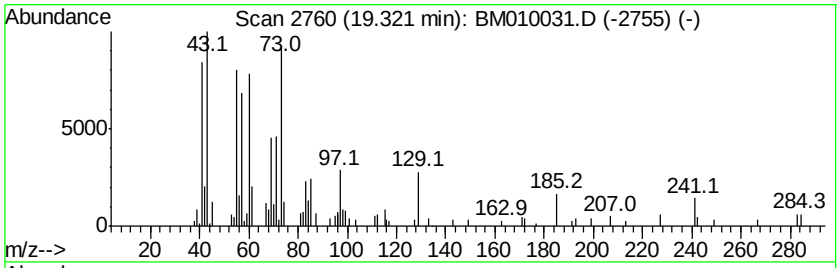
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

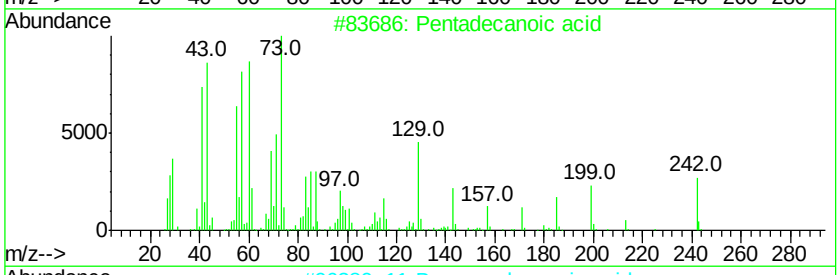
**********

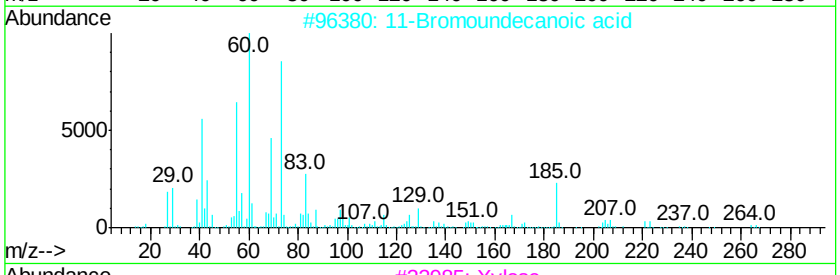
Peak Number 10 Pentadecanoic acid Concentration Rank 8

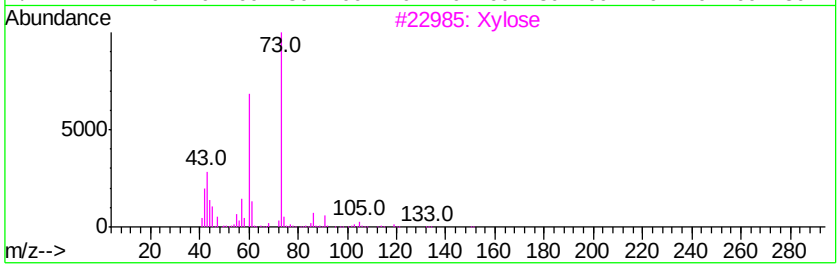
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.32 | 3.21 ng | 176035 | Chrysene-d12 | 21.36 |

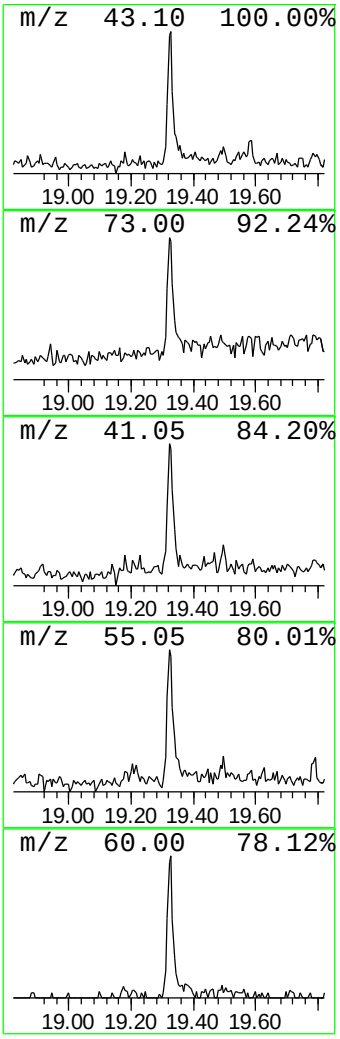
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 91 |
| 2 | 11-Bromoundecanoic acid | 264 | C11H21BrO2 | 002834-05-1 | 38 |
| 3 | Xylose | 150 | C5H10O5 | 000058-86-6 | 35 |
| 4 | N-Acetylisoxazolidine | 115 | C5H9NO2 | 115615-36-6 | 27 |
| 5 | n-Decanoic acid | 172 | C10H20O2 | 000334-48-5 | 14 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM051217\
Data File : BM010031.D
Acq On : 12 May 2017 19:40
Operator : SJ/MA
Sample : I3100-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PMW-2-051017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

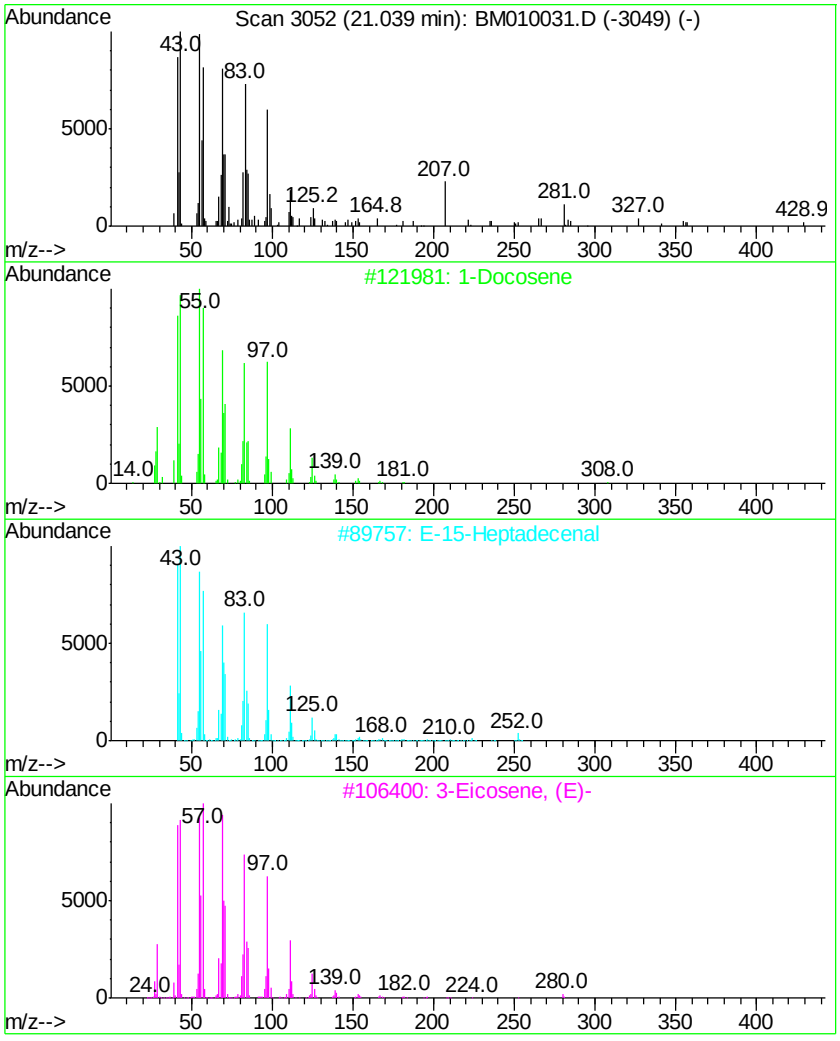
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

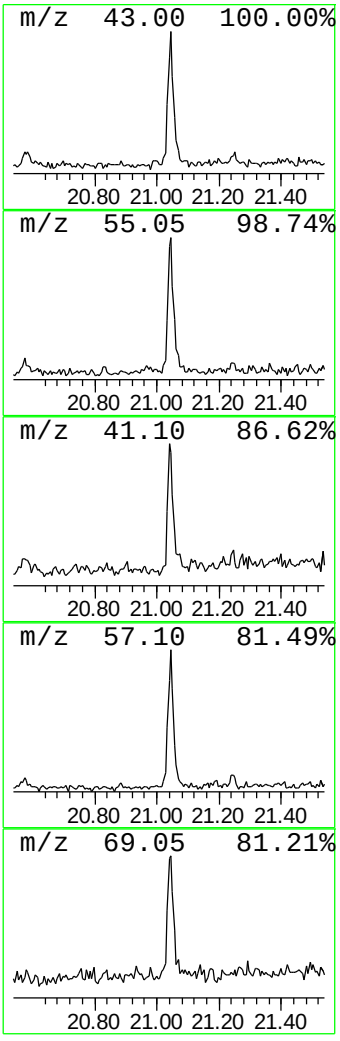
**********

Peak Number 11 1-Docosene Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.04 | 4.54 ng | 248914 | Chrysene-d12 | 21.36 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 74 |
| 2 | E-15-Heptadecenal | 252 | C17H32O | 1000130-97-9 | 72 |
| 3 | 3-Eicosene, (E)- | 280 | C20H40 | 074685-33-9 | 68 |
| 4 | Heptafluorobutyric acid, n-octad... | 466 | C22H37F7O2 | 000400-57-7 | 68 |
| 5 | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2 | 074339-52-9 | 64 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051217\
Data File : BM010031.D
Acq On : 12 May 2017 19:40
Operator : SJ/MA
Sample : I3100-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** PMW-2-051017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| | | | | | Internal Standard | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| 2-Pentanone, 4-hy... | 4.90 | 3.0 | ng | 63479 | 1 | 7.76 | 425683 | 20.0 |
| unknown7.29 | 7.29 | 29.8 | ng | 635151 | 1 | 7.76 | 425683 | 20.0 |
| unknown8.80 | 8.80 | 2.4 | ng | 51565 | 1 | 7.76 | 425683 | 20.0 |
| unknown12.23 | 12.23 | 11.7 | ng | 349068 | 2 | 10.55 | 595823 | 20.0 |
| Hexadecane | 15.23 | 3.5 | ng | 134882 | 3 | 14.41 | 781421 | 20.0 |
| Tetradecane | 16.10 | 4.9 | ng | 244555 | 4 | 17.17 | 998432 | 20.0 |
| Eicosane | 16.89 | 2.1 | ng | 104211 | 4 | 17.17 | 998432 | 20.0 |
| n-Hexadecanoic acid | 18.04 | 6.5 | ng | 327070 | 4 | 17.17 | 998432 | 20.0 |
| Pentadecanoic acid | 19.32 | 3.2 | ng | 176035 | 5 | 21.36 | 1097170 | 20.0 |
| 1-Docosene | 21.04 | 4.5 | ng | 248914 | 5 | 21.36 | 1097170 | 20.0 |