LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014950.D
Acq On : 03 May 2018 19:28
Operator : SJ/JU
Sample : J2554-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AG4

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-BM041918.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 | 3.334 | 4 | 8 | 15 | rVB | 2415445 | 3078007 | 57.26% | 4.033% |
| 2 | 3.640 | 56 | 60 | 68 | rVB | 80391 | 109490 | 2.04% | 0.143% |
| 3 | 4.228 | 155 | 160 | 166 | rVB | 66433 | 95368 | 1.77% | 0.125% |
| 4 | 5.475 | 367 | 372 | 386 | rBV | 364287 | 560667 | 10.43% | 0.735% |
| 5 | 7.134 | 648 | 654 | 662 | rVB | 282134 | 458543 | 8.53% | 0.601% |
| 6 | 7.616 | 729 | 736 | 750 | rBV2 | 1275259 | 2396476 | 44.59% | 3.140% |
| 7 | 7.792 | 757 | 766 | 780 | rBV | 1007561 | 1674021 | 31.14% | 2.193% |
| 8 | 7.916 | 780 | 787 | 796 | rVB | 70229 | 133080 | 2.48% | 0.174% |
| 9 | 8.010 | 796 | 803 | 811 | rBV | 1335928 | 2160089 | 40.19% | 2.830% |
| 10 | 8.492 | 878 | 885 | 900 | rVB | 1209510 | 1972043 | 36.69% | 2.584% |
| 11 | 8.704 | 915 | 921 | 930 | rBV | 371763 | 597247 | 11.11% | 0.783% |
| 12 | 9.186 | 996 | 1003 | 1015 | rBV | 1110158 | 1885330 | 35.08% | 2.470% |
| 13 | 9.675 | 1078 | 1086 | 1094 | rBV | 1172521 | 2003013 | 37.26% | 2.625% |
| 14 | 10.033 | 1141 | 1147 | 1153 | rVB | 46186 | 69593 | 1.29% | 0.091% |
| 15 | 10.404 | 1202 | 1210 | 1221 | rBV | 935954 | 1565655 | 29.13% | 2.051% |
| 16 | 10.939 | 1294 | 1301 | 1311 | rBV | 1405308 | 2386810 | 44.41% | 3.127% |
| 17 | 11.333 | 1360 | 1368 | 1382 | rBV | 1512561 | 2641374 | 49.14% | 3.461% |
| 18 | 11.457 | 1382 | 1389 | 1403 | rBV | 1188368 | 2137283 | 39.76% | 2.801% |
| 19 | 12.651 | 1587 | 1592 | 1598 | rBV2 | 81966 | 122019 | 2.27% | 0.160% |
| 20 | 13.892 | 1796 | 1803 | 1809 | rVB | 55240 | 79326 | 1.48% | 0.104% |
| 21 | 14.416 | 1887 | 1892 | 1896 | rBV2 | 45447 | 69975 | 1.30% | 0.092% |
| 22 | 14.486 | 1896 | 1904 | 1908 | rVV | 2333845 | 3170654 | 58.99% | 4.155% |
| 23 | 14.533 | 1908 | 1912 | 1917 | rVB | 579931 | 806329 | 15.00% | 1.057% |
| 24 | 14.798 | 1950 | 1957 | 1969 | rBV | 2599481 | 3938790 | 73.28% | 5.161% |
| 25 | 14.945 | 1973 | 1982 | 1987 | rBV | 200458 | 277465 | 5.16% | 0.364% |
| 26 | 15.039 | 1991 | 1998 | 2002 | rBV4 | 40786 | 75863 | 1.41% | 0.099% |
| 27 | 15.098 | 2002 | 2008 | 2015 | rVB2 | 1926313 | 2956221 | 55.00% | 3.874% |
| 28 | 15.257 | 2029 | 2035 | 2044 | rBV | 863038 | 1310153 | 24.37% | 1.717% |
| 29 | 15.445 | 2062 | 2067 | 2071 | rVV5 | 37529 | 66009 | 1.23% | 0.086% |
| 30 | 15.557 | 2081 | 2086 | 2094 | rBV3 | 40564 | 72233 | 1.34% | 0.095% |
| 31 | 15.886 | 2138 | 2142 | 2147 | rVB | 272677 | 331219 | 6.16% | 0.434% |
| 32 | 16.074 | 2167 | 2174 | 2181 | rBV | 3355605 | 4683194 | 87.13% | 6.136% |
| 33 | 16.174 | 2185 | 2191 | 2202 | rVV | 807127 | 1155038 | 21.49% | 1.513% |
| 34 | 16.286 | 2203 | 2210 | 2219 | rVB2 | 67471 | 194616 | 3.62% | 0.255% |

LSC Area Percent Report

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Operator : SJ/JU
Sample : J2554-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AG4

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-BM041918.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 16.427 | 2229 | 2234 | 2238 | rBV4 | 40071 | 67937 | 1.26% | 0.089% |
| 36 | 16.733 | 2281 | 2286 | 2295 | rBV | 217649 | 352193 | 6.55% | 0.461% |
| 37 | 17.333 | 2385 | 2388 | 2395 | rVB3 | 52431 | 73618 | 1.37% | 0.096% |
| 38 | 17.521 | 2415 | 2420 | 2425 | rBV | 119612 | 149059 | 2.77% | 0.195% |
| 39 | 17.809 | 2463 | 2469 | 2475 | rBV2 | 2224744 | 3205359 | 59.63% | 4.200% |
| 40 | 17.851 | 2475 | 2476 | 2480 | rVV | 62347 | 54963 | 1.02% | 0.072% |
| 41 | 17.909 | 2480 | 2486 | 2497 | rVV | 3120736 | 4625442 | 86.05% | 6.061% |
| 42 | 18.233 | 2537 | 2541 | 2548 | rBV2 | 91357 | 158103 | 2.94% | 0.207% |
| 43 | 18.521 | 2585 | 2590 | 2596 | rBV5 | 32654 | 67627 | 1.26% | 0.089% |
| 44 | 18.580 | 2596 | 2600 | 2605 | rBV | 108926 | 143113 | 2.66% | 0.188% |
| 45 | 18.639 | 2605 | 2610 | 2621 | rBV | 959808 | 1360044 | 25.30% | 1.782% |
| 46 | 19.633 | 2776 | 2779 | 2784 | rBV2 | 55446 | 73399 | 1.37% | 0.096% |
| 47 | 19.739 | 2794 | 2797 | 2799 | rBV2 | 59702 | 70919 | 1.32% | 0.093% |
| 48 | 19.815 | 2807 | 2810 | 2816 | rVB | 129926 | 175766 | 3.27% | 0.230% |
| 49 | 19.880 | 2816 | 2821 | 2831 | rBV | 555124 | 788251 | 14.66% | 1.033% |
| 50 | 20.145 | 2861 | 2866 | 2878 | rVB | 3650424 | 5265665 | 97.96% | 6.900% |
| 51 | 21.268 | 3055 | 3057 | 3065 | rBV6 | 85801 | 126270 | 2.35% | 0.165% |
| 52 | 21.556 | 3102 | 3106 | 3114 | rBV | 641705 | 906695 | 16.87% | 1.188% |
| 53 | 21.897 | 3159 | 3164 | 3170 | rBV | 2555059 | 3264902 | 60.74% | 4.278% |
| 54 | 23.538 | 3440 | 3443 | 3449 | rVB | 365598 | 515511 | 9.59% | 0.675% |
| 55 | 24.215 | 3552 | 3558 | 3576 | rVB | 2548879 | 5375057 | 100.00% | 7.043% |
| 56 | 24.374 | 3579 | 3585 | 3597 | rVB | 1665912 | 3325690 | 61.87% | 4.358% |
| 57 | 24.909 | 3671 | 3676 | 3685 | rVB | 464749 | 938893 | 17.47% | 1.230% |

Sum of corrected areas: 76317669

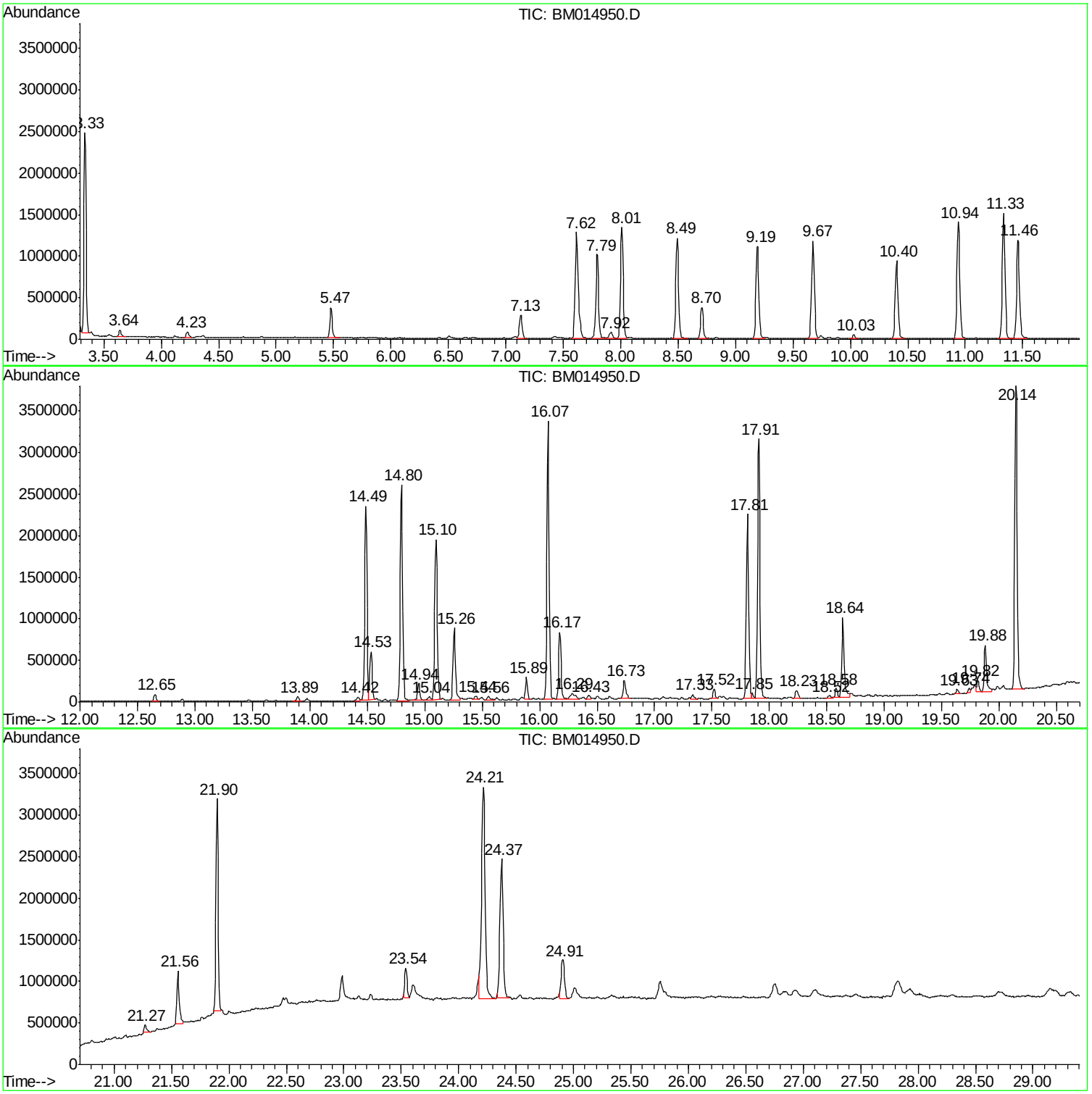
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014950.D
Acq On : 03 May 2018 19:28
Operator : SJ/JU
Sample : J2554-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AG4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014950.D
Acq On : 03 May 2018 19:28
Operator : SJ/JU
Sample : J2554-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AG4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

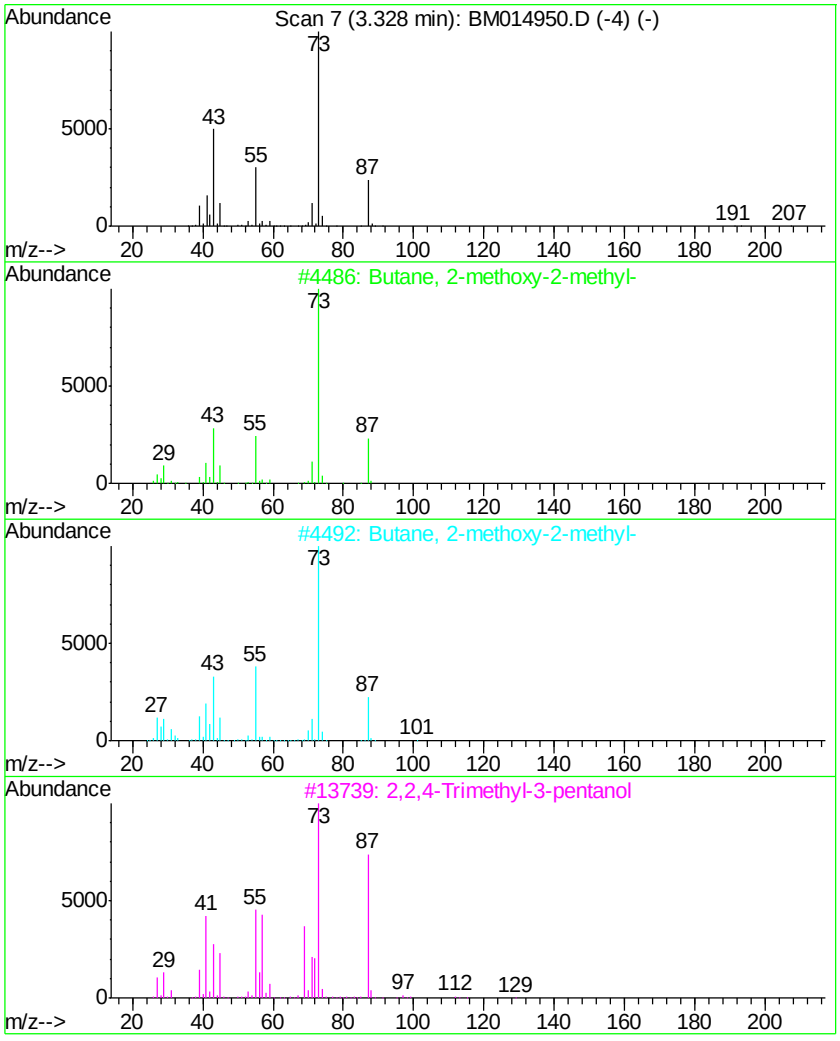
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

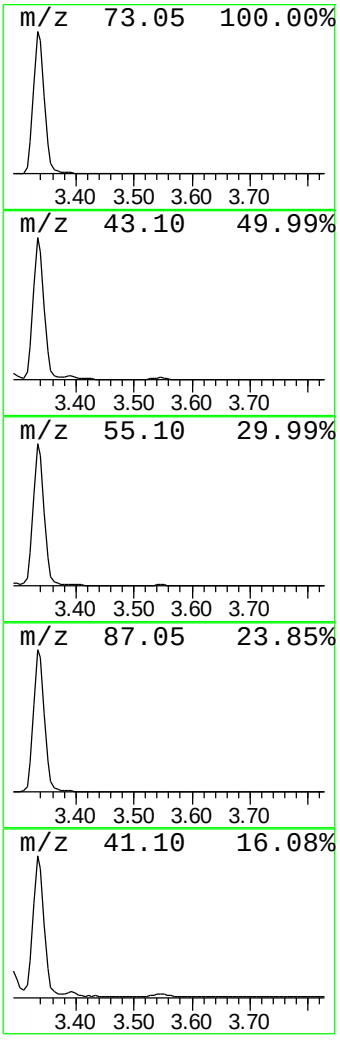
**********

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.33 | 31.22 ng/ul | 3078010 | 1,4-Dichlorobenzene-d4 | 8.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 83 |
| 2 | Butane, 2-methoxy-2-methyl- | 102 | C6H14O | 000994-05-8 | 78 |
| 3 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 4 | 2,2,4-Trimethyl-3-pentanol | 130 | C8H18O | 005162-48-1 | 40 |
| 5 | Silane, tetramethyl- | 88 | C4H12Si | 000075-76-3 | 38 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014950.D
Acq On : 03 May 2018 19:28
Operator : SJ/JU
Sample : J2554-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AG4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

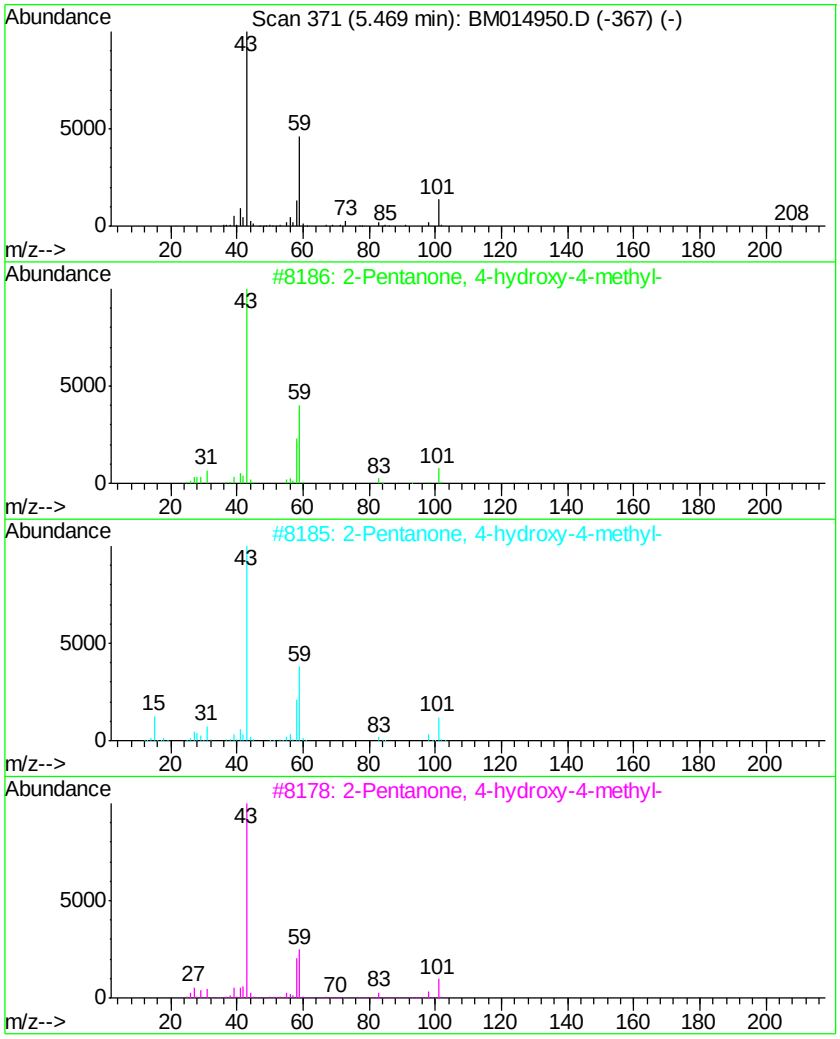
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

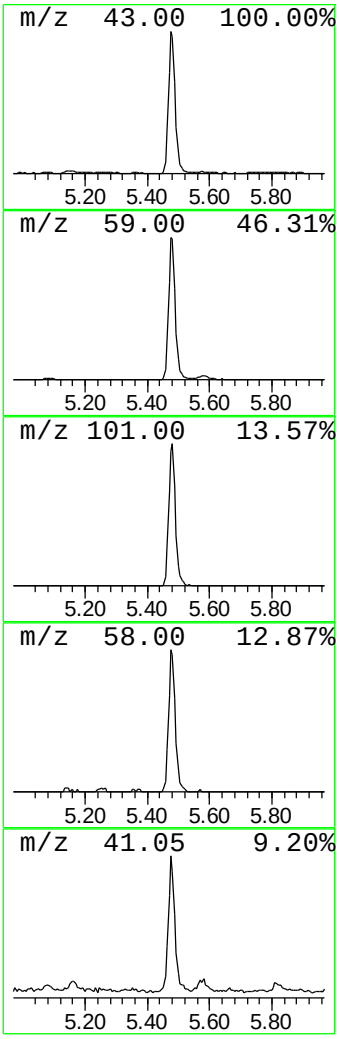
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.47 | 5.69 ng/ul | 560667 | 1,4-Dichlorobenzene-d4 | 8.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 2 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 3 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 47 |
| 4 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 25 |
| 5 | 1-Propen-2-ol, acetate | 100 | C5H8O2 | 000108-22-5 | 10 |



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014950.D
Acq On : 03 May 2018 19:28
Operator : SJ/JU
Sample : J2554-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AG4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

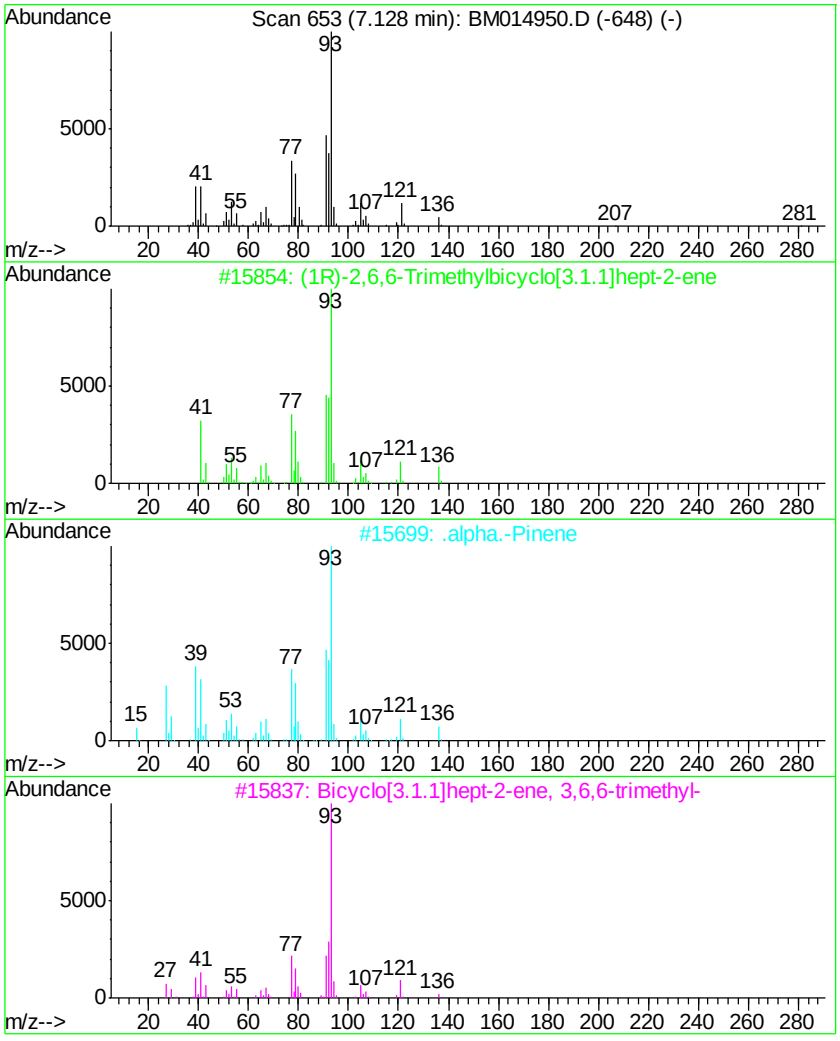
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

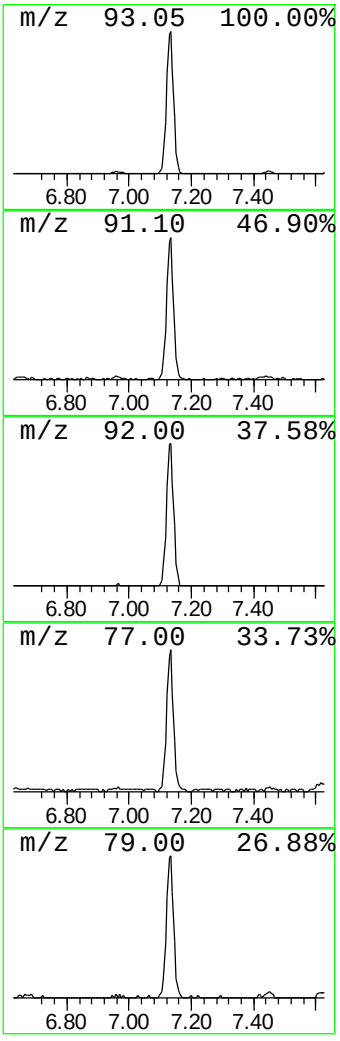
**********

Peak Number 3 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.13 | 4.65 ng/ul | 458543 | 1,4-Dichlorobenzene-d4 | 8.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (1R)-2,6,6-Trimethylbicyclo[3.1.... | 136 | C10H16 | 007785-70-8 | 96 |
| 2 | .alpha.-Pinene | 136 | C10H16 | 000080-56-8 | 95 |
| 3 | Bicyclo[3.1.1]hept-2-ene, 3,6,6-... | 136 | C10H16 | 004889-83-2 | 94 |
| 4 | .alpha.-Pinene | 136 | C10H16 | 000080-56-8 | 94 |
| 5 | .gamma.-Terpinene | 136 | C10H16 | 000099-85-4 | 91 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014950.D
Acq On : 03 May 2018 19:28
Operator : SJ/JU
Sample : J2554-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AG4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

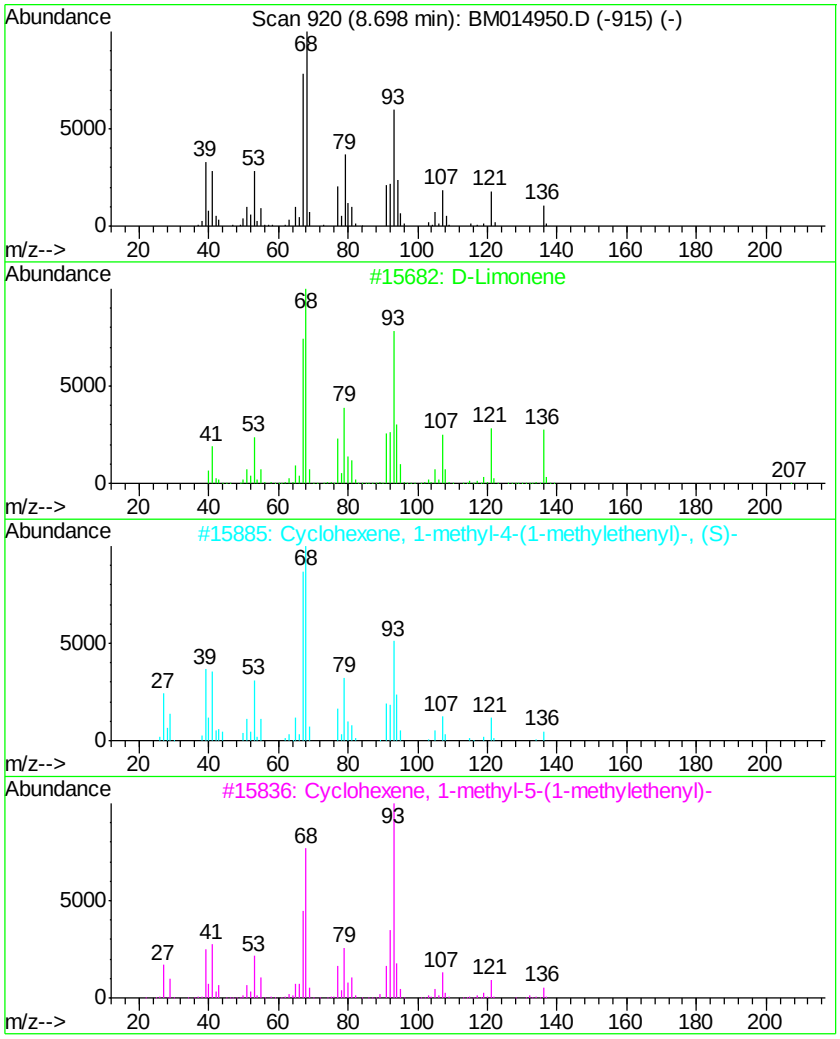
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

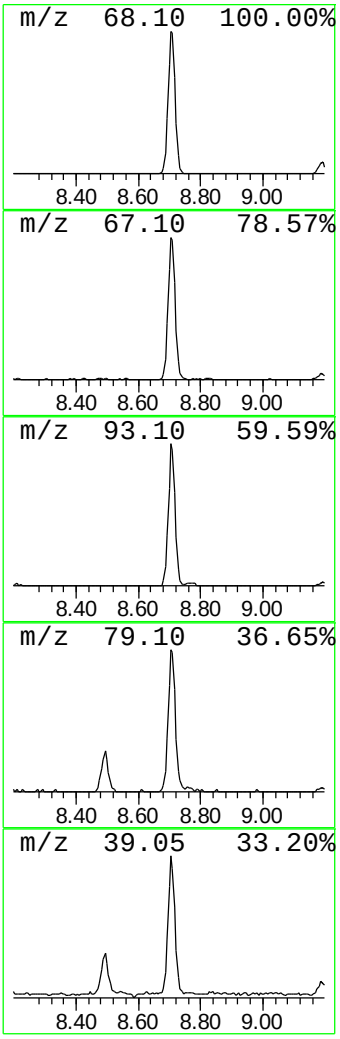
**********

Peak Number 4 D-Limonene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.70 | 6.06 ng/ul | 597247 | 1,4-Dichlorobenzene-d4 | 8.49 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | D-Limonene | 136 | C10H16 | 005989-27-5 | 98 |
| 2 | Cyclohexene, 1-methyl-4-(1-methy... | 136 | C10H16 | 005989-54-8 | 95 |
| 3 | Cyclohexene, 1-methyl-5-(1-methy... | 136 | C10H16 | 013898-73-2 | 90 |
| 4 | D-Limonene | 136 | C10H16 | 005989-27-5 | 87 |
| 5 | Limonene | 136 | C10H16 | 000138-86-3 | 87 |



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Data File : BM014950.D
Acq On : 03 May 2018 19:28
Operator : SJ/JU
Sample : J2554-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AG4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

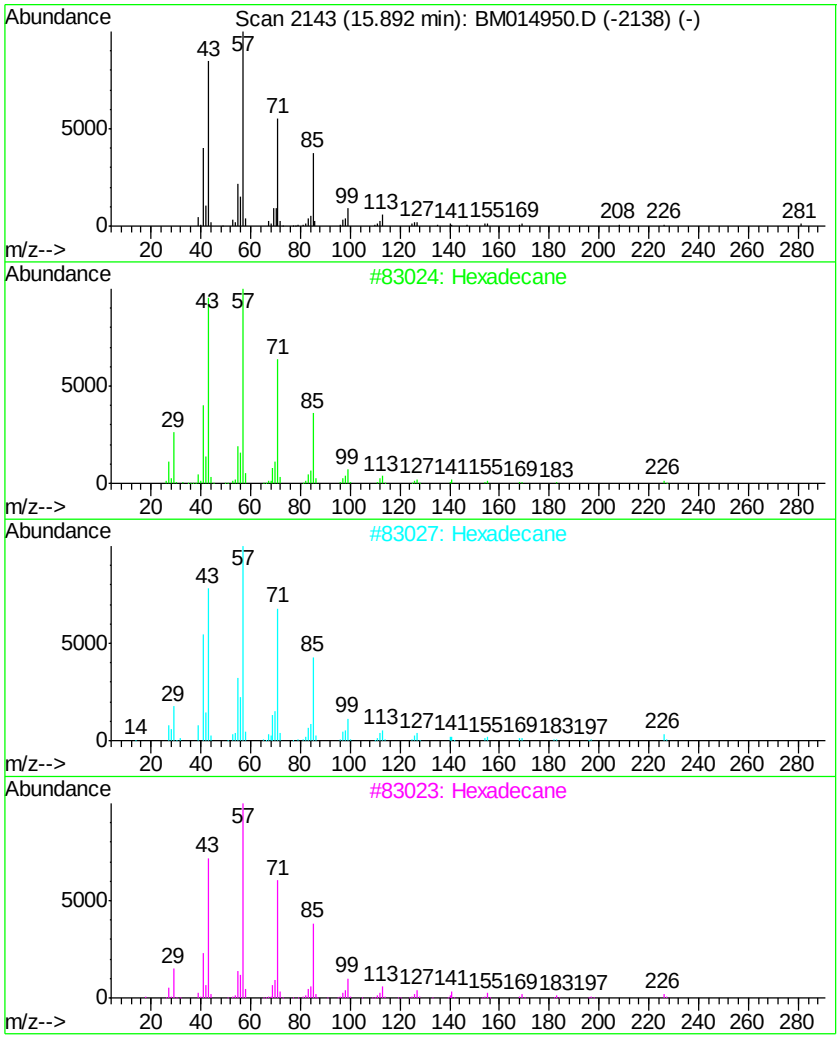
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

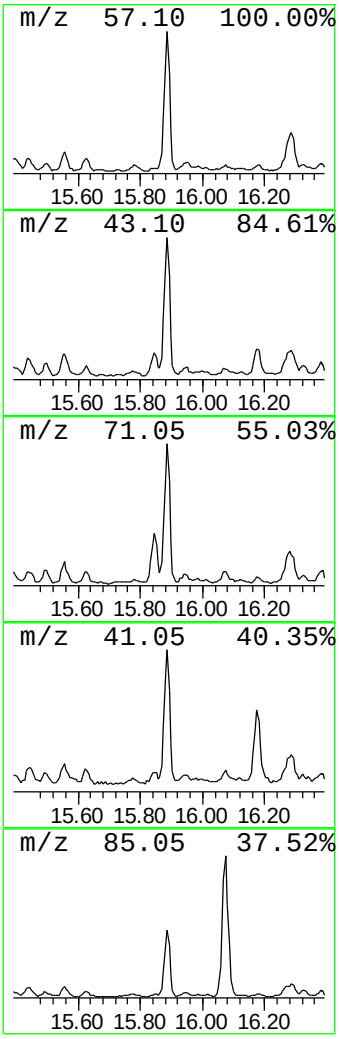
**********

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.89 | 2.24 ng/ul | 331219 | Acenaphthene-d10 | 15.10 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 97 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 94 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 93 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |



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Data File : BM014950.D
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Sample : J2554-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AG4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

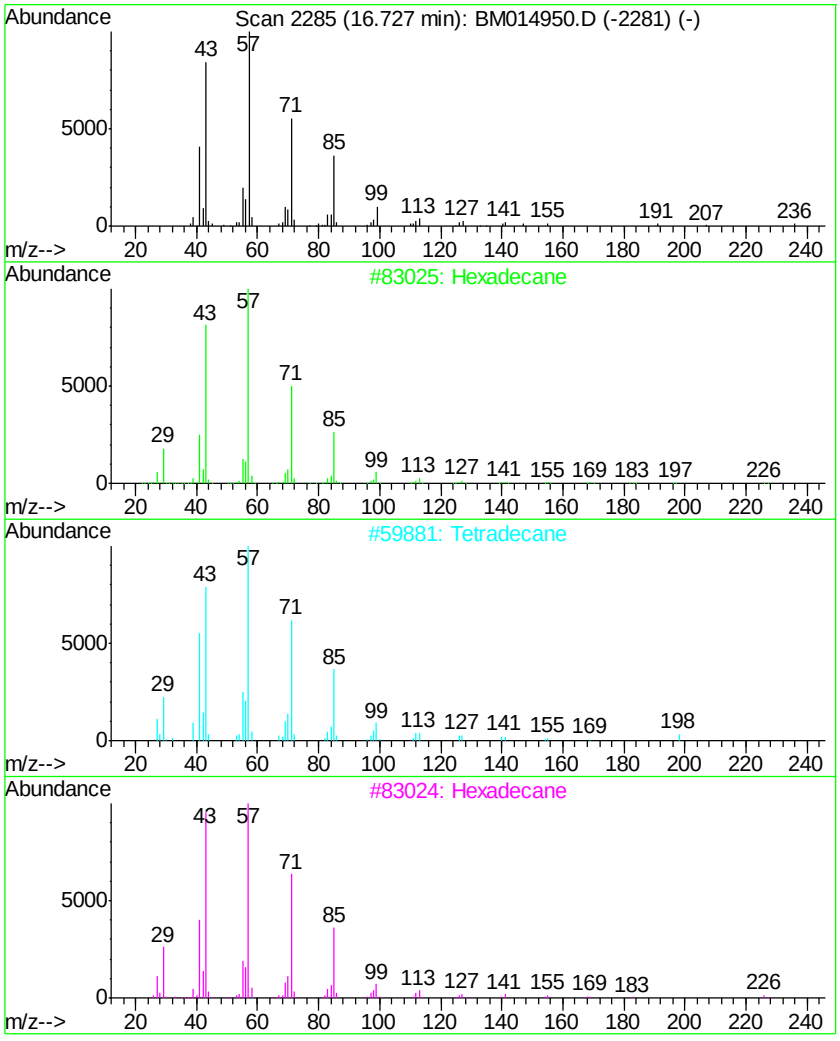
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

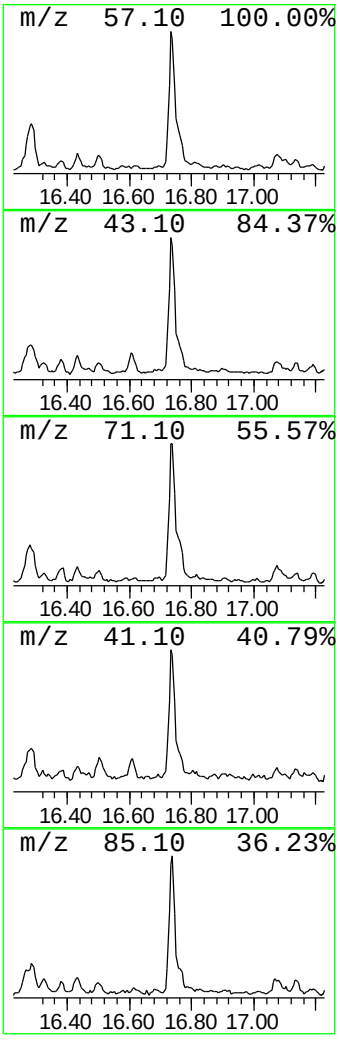
**********

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.73 | 2.20 ng/ul | 352193 | Phenanthrene-d10 | 17.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 87 |
| 4 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 86 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 86 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014950.D
Acq On : 03 May 2018 19:28
Operator : SJ/JU
Sample : J2554-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AG4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

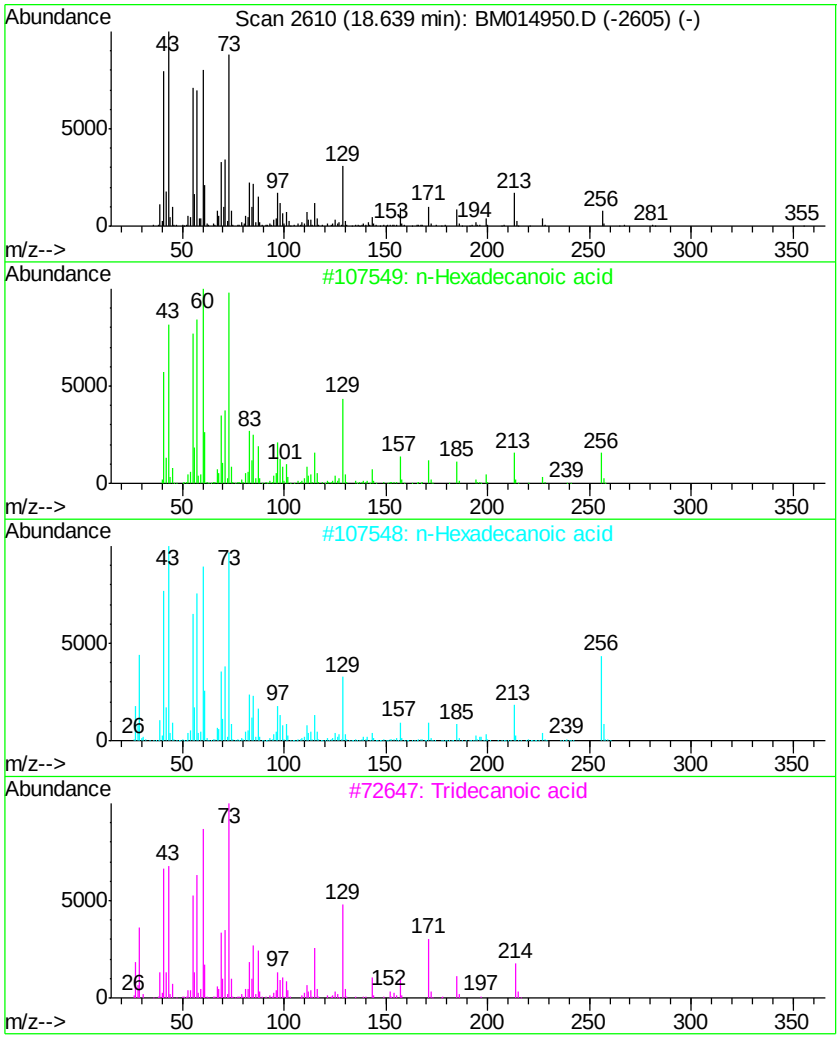
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

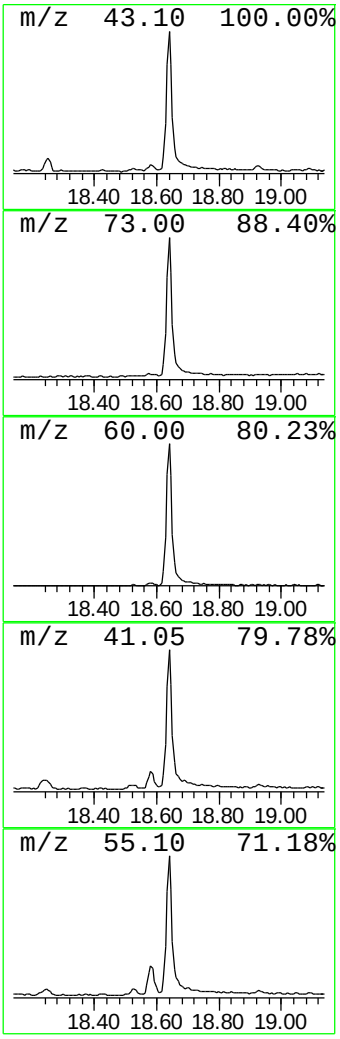
**********

Peak Number 7 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.64 | 8.49 ng/ul | 1360040 | Phenanthrene-d10 | 17.81 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97 |
| 3 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 93 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91 |
| 5 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 90 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014950.D
Acq On : 03 May 2018 19:28
Operator : SJ/JU
Sample : J2554-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AG4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

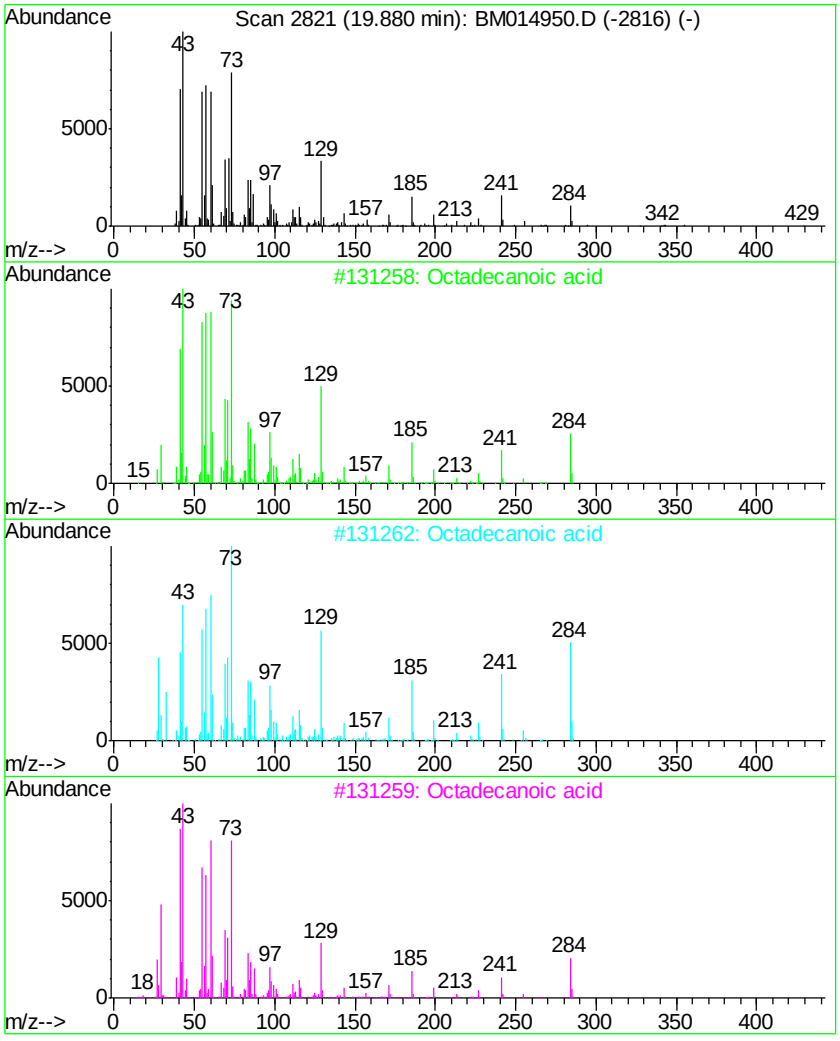
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

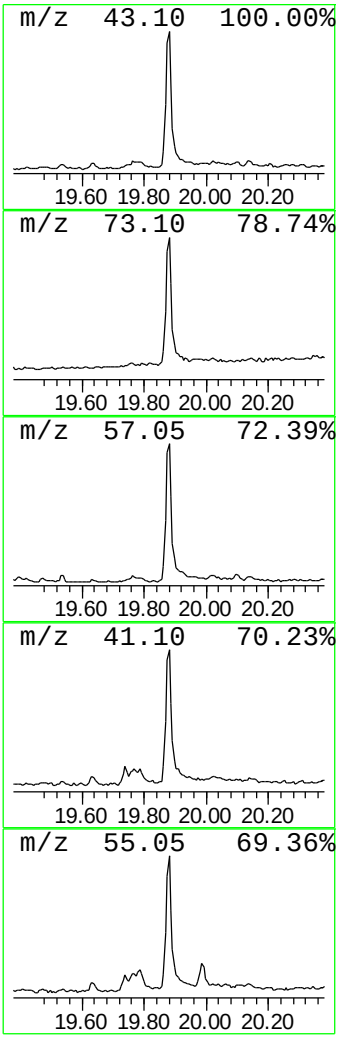
**********

Peak Number 8 Octadecanoic acid Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.88 | 4.83 ng/ul | 788251 | Chrysene-d12 | 21.90 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 97 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 97 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 91 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014950.D
Acq On : 03 May 2018 19:28
Operator : SJ/JU
Sample : J2554-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AG4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

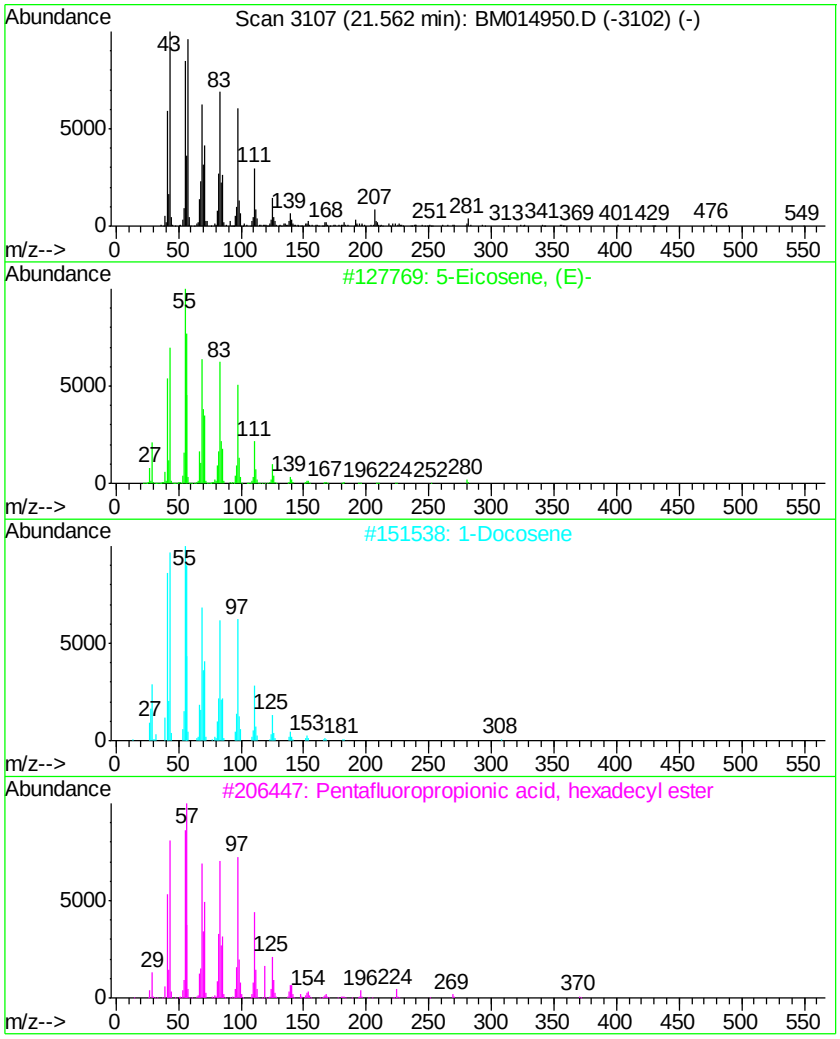
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

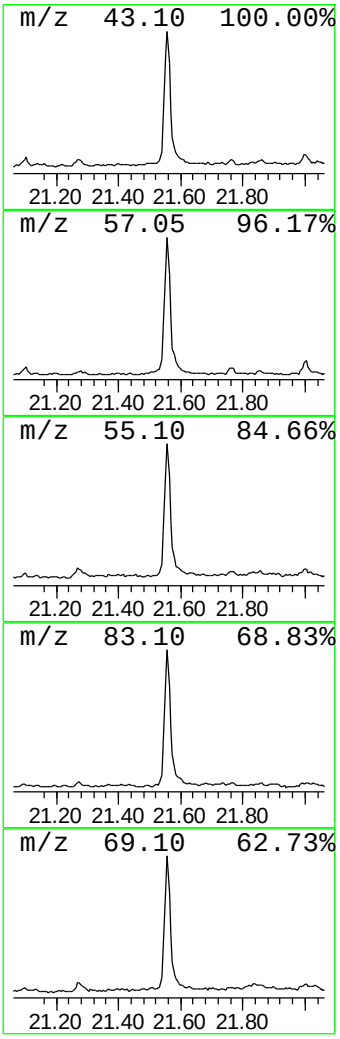
**********

Peak Number 9 (DEL) Alkane: Cyclic21.56 Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.56 | 5.55 ng/ul | 906695 | Chrysene-d12 | 21.90 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 96 |
| 2 | 1-Docosene | 308 | C22H44 | 001599-67-3 | 94 |
| 3 | Pentafluoropropionic acid, hexad... | 388 | C19H33F5O2 | 006222-07-7 | 91 |
| 4 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 91 |
| 5 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 91 |



# Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014950.D
Acq On : 03 May 2018 19:28
Operator : SJ/JU
Sample : J2554-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AG4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

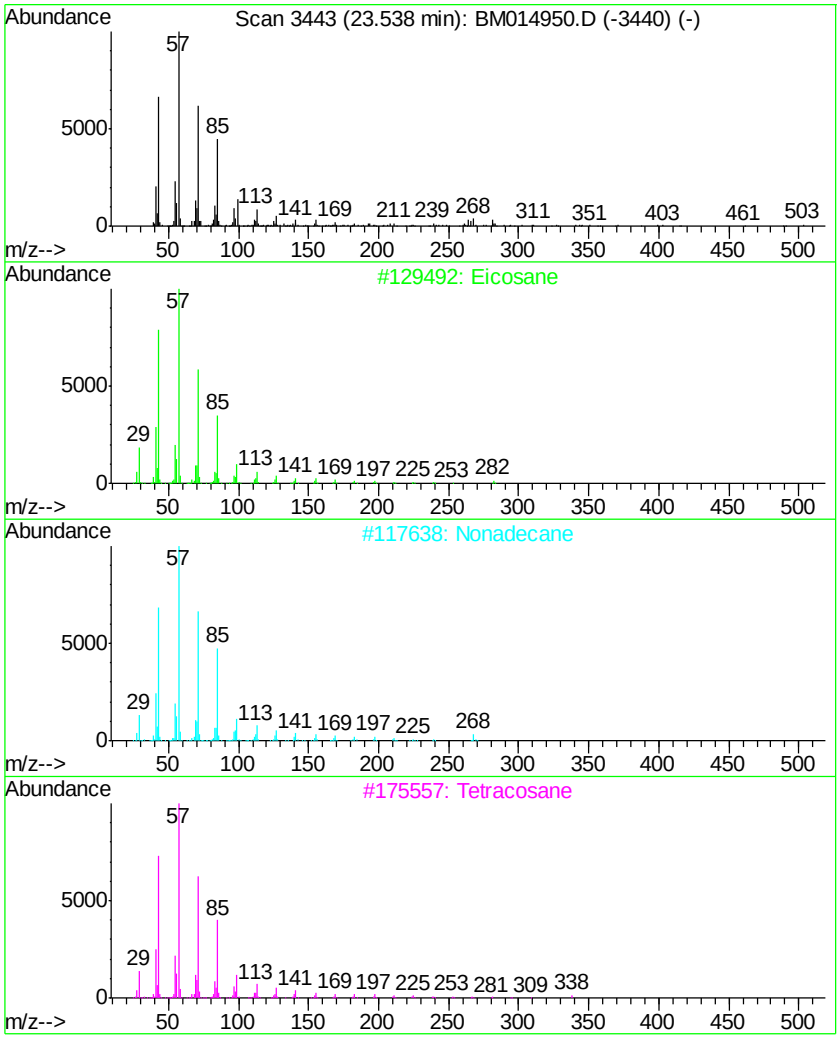
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

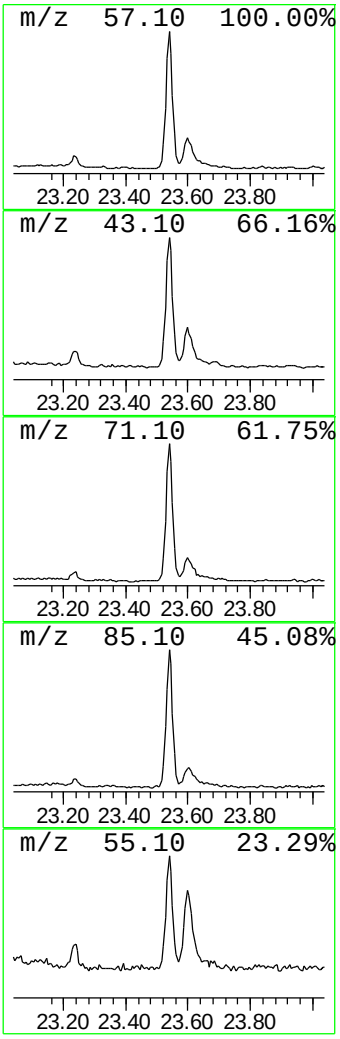
**********

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.54 | 3.10 ng/ul | 515511 | Perylene-d12 | 24.37 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 97 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 97 |
| 3 | Tetracosane | 338 | C24H50 | 000646-31-1 | 87 |
| 4 | Heptacosane | 380 | C27H56 | 000593-49-7 | 87 |
| 5 | Pentacosane | 352 | C25H52 | 000629-99-2 | 83 |



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014950.D
Acq On : 03 May 2018 19:28
Operator : SJ/JU
Sample : J2554-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AG4

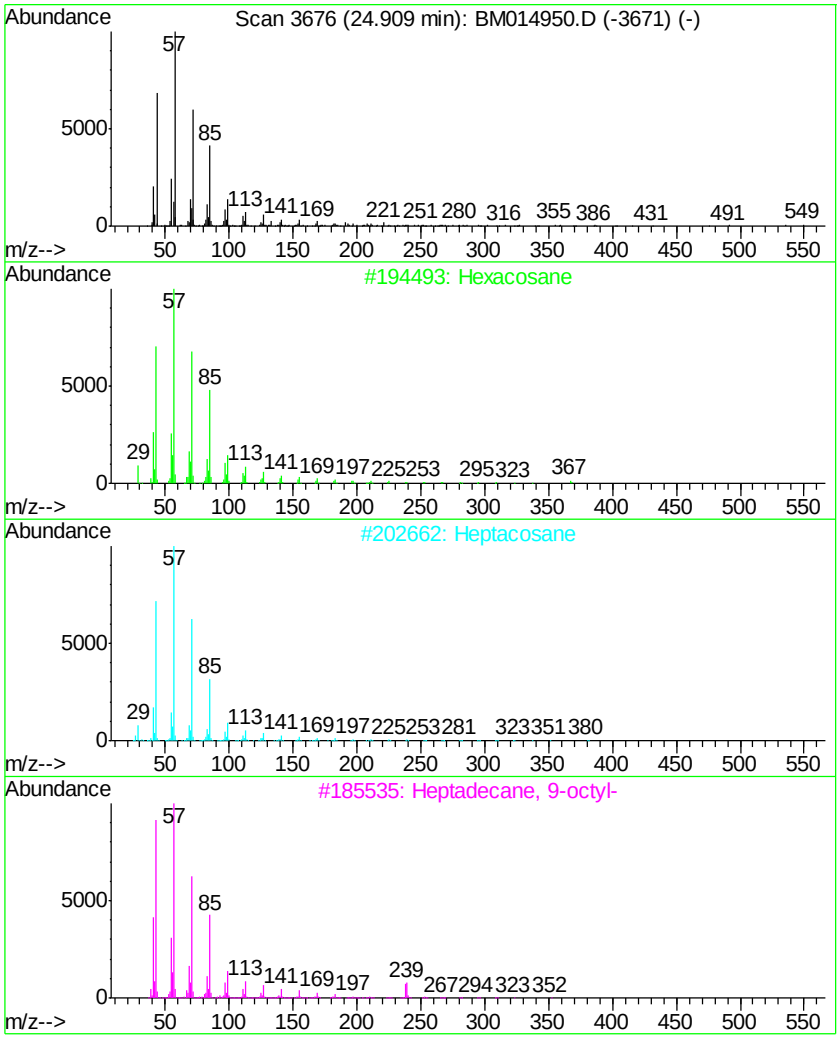
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

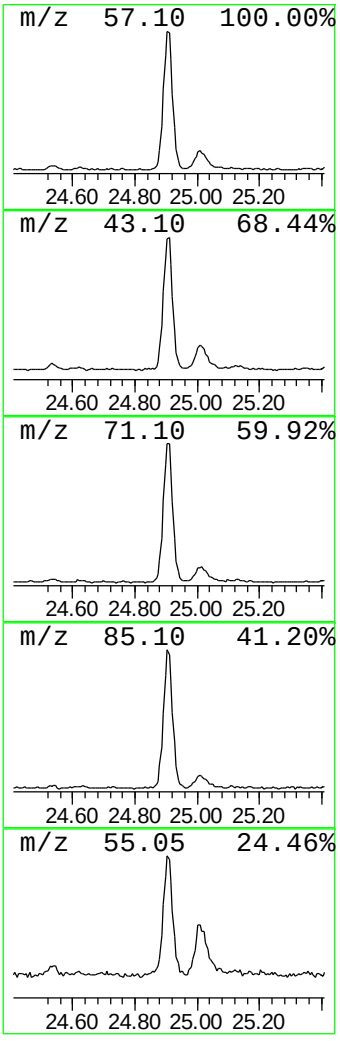
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.91 | 5.65 ng/ul | 938893 | Perylene-d12 | 24.37 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 90 |
| 3 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 90 |
| 4 | Tetracosane | 338 | C24H50 | 000646-31-1 | 90 |
| 5 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050318\
Data File : BM014950.D
Acq On : 03 May 2018 19:28
Operator : SJ/JU
Sample : J2554-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C0AG4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.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 |
| Butane, 2-methoxy... | 3.33 | 31.2 | ng/ul | 3078010 | 1 | 8.49 | 1972040 | 20.0 |
| 2-Pentanone, 4-hy... | 5.47 | 5.7 | ng/ul | 560667 | 1 | 8.49 | 1972040 | 20.0 |
| (1R)-2,6,6-Trimet... | 7.13 | 4.7 | ng/ul | 458543 | 1 | 8.49 | 1972040 | 20.0 |
| D-Limonene | 8.70 | 6.1 | ng/ul | 597247 | 1 | 8.49 | 1972040 | 20.0 |
| (DEL) Alkane: Str... | 15.89 | 2.2 | ng/ul | 331219 | 3 | 15.10 | 2956220 | 20.0 |
| (DEL) Alkane: Str... | 16.73 | 2.2 | ng/ul | 352193 | 4 | 17.81 | 3205360 | 20.0 |
| n-Hexadecanoic acid | 18.64 | 8.5 | ng/ul | 1360040 | 4 | 17.81 | 3205360 | 20.0 |
| Octadecanoic acid | 19.88 | 4.8 | ng/ul | 788251 | 5 | 21.90 | 3264900 | 20.0 |
| (DEL) Alkane: Cyc... | 21.56 | 5.5 | ng/ul | 906695 | 5 | 21.90 | 3264900 | 20.0 |
| (DEL) Alkane: Str... | 23.54 | 3.1 | ng/ul | 515511 | 6 | 24.37 | 3325690 | 20.0 |
| (DEL) Alkane: Str... | 24.91 | 5.7 | ng/ul | 938893 | 6 | 24.37 | 3325690 | 20.0 |