LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023601.D
Acq On : 05 Nov 2019 11:13
Operator : JU
Sample : K5536-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BEK32

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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 | 3.176 | 28 | 32 | 46 | rVB | 3890650 | 4890516 | 47.08% | 4.434% |
| 2 | 3.529 | 89 | 92 | 98 | rVB2 | 150641 | 192779 | 1.86% | 0.175% |
| 3 | 3.587 | 99 | 102 | 109 | rVB | 483678 | 559579 | 5.39% | 0.507% |
| 4 | 3.840 | 142 | 145 | 151 | rVB2 | 166582 | 272919 | 2.63% | 0.247% |
| 5 | 4.111 | 187 | 191 | 199 | rVV | 982426 | 1294242 | 12.46% | 1.174% |
| 6 | 4.182 | 200 | 203 | 212 | rVB3 | 144103 | 215935 | 2.08% | 0.196% |
| 7 | 4.287 | 217 | 221 | 229 | rBV | 1490252 | 1887877 | 18.17% | 1.712% |
| 8 | 4.734 | 292 | 297 | 303 | rVB | 1877151 | 2405658 | 23.16% | 2.181% |
| 9 | 5.587 | 438 | 442 | 447 | rVB | 271354 | 369874 | 3.56% | 0.335% |
| 10 | 6.781 | 641 | 645 | 661 | rVB | 332858 | 668919 | 6.44% | 0.607% |
| 11 | 6.946 | 667 | 673 | 689 | rVB | 1092377 | 1851832 | 17.83% | 1.679% |
| 12 | 7.134 | 700 | 705 | 714 | rVB | 1206522 | 1961315 | 18.88% | 1.778% |
| 13 | 7.599 | 778 | 784 | 792 | rVB | 1397532 | 2202161 | 21.20% | 1.997% |
| 14 | 8.311 | 899 | 905 | 916 | rBV | 915926 | 1495710 | 14.40% | 1.356% |
| 15 | 8.746 | 973 | 979 | 991 | rVB | 1447881 | 2476425 | 23.84% | 2.245% |
| 16 | 9.205 | 1055 | 1057 | 1059 | rBV2 | 13919 | 15177 | 0.15% | 0.014% |
| 17 | 9.469 | 1095 | 1102 | 1110 | rBV | 1145887 | 1886699 | 18.16% | 1.711% |
| 18 | 10.005 | 1186 | 1193 | 1207 | rBV | 1697344 | 2860514 | 27.54% | 2.594% |
| 19 | 10.375 | 1249 | 1256 | 1265 | rBV | 1985973 | 3273339 | 31.51% | 2.968% |
| 20 | 10.516 | 1273 | 1280 | 1294 | rBV | 1467482 | 2558761 | 24.63% | 2.320% |
| 21 | 11.034 | 1365 | 1368 | 1375 | rVB5 | 13078 | 24296 | 0.23% | 0.022% |
| 22 | 11.193 | 1390 | 1395 | 1400 | rVV3 | 16671 | 28757 | 0.28% | 0.026% |
| 23 | 11.905 | 1512 | 1516 | 1520 | rBV4 | 8028 | 12721 | 0.12% | 0.012% |
| 24 | 11.975 | 1524 | 1528 | 1534 | rVB4 | 31093 | 52180 | 0.50% | 0.047% |
| 25 | 12.057 | 1538 | 1542 | 1544 | rBV4 | 9337 | 14652 | 0.14% | 0.013% |
| 26 | 12.252 | 1569 | 1575 | 1578 | rBV4 | 8847 | 18125 | 0.17% | 0.016% |
| 27 | 12.863 | 1676 | 1679 | 1683 | rBV5 | 12673 | 14543 | 0.14% | 0.013% |
| 28 | 13.099 | 1715 | 1719 | 1722 | rBV4 | 11999 | 18134 | 0.17% | 0.016% |
| 29 | 13.169 | 1726 | 1731 | 1733 | rBV6 | 6790 | 10994 | 0.11% | 0.010% |
| 30 | 13.669 | 1809 | 1816 | 1821 | rVV | 3286423 | 4667766 | 44.93% | 4.232% |
| 31 | 13.710 | 1821 | 1823 | 1830 | rVB | 233014 | 319917 | 3.08% | 0.290% |
| 32 | 13.940 | 1853 | 1862 | 1876 | rBV | 3971617 | 5872595 | 56.53% | 5.325% |
| 33 | 14.175 | 1897 | 1902 | 1906 | rBV6 | 7400 | 11133 | 0.11% | 0.010% |
| 34 | 14.251 | 1908 | 1915 | 1920 | rBV2 | 2983071 | 4478700 | 43.11% | 4.061% |

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023601.D
Acq On : 05 Nov 2019 11:13
Operator : JU
Sample : K5536-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BEK32

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 35 | 14.293 | 1920 | 1922 | 1929 | rVB | 116964 | 157968 | 1.52% | 0.143% |
| 36 | 14.469 | 1946 | 1952 | 1969 | rBV4 | 150144 | 404672 | 3.90% | 0.367% |
| 37 | 14.687 | 1983 | 1989 | 1994 | rVV6 | 56412 | 93113 | 0.90% | 0.084% |
| 38 | 14.740 | 1994 | 1998 | 2001 | rVB5 | 10161 | 16664 | 0.16% | 0.015% |
| 39 | 14.881 | 2018 | 2022 | 2029 | rVB7 | 8871 | 16224 | 0.16% | 0.015% |
| 40 | 15.040 | 2042 | 2049 | 2062 | rBV2 | 101757 | 216496 | 2.08% | 0.196% |
| 41 | 15.128 | 2062 | 2064 | 2070 | rVB3 | 15309 | 20523 | 0.20% | 0.019% |
| 42 | 15.246 | 2077 | 2084 | 2097 | rBV | 5085703 | 7305434 | 70.32% | 6.624% |
| 43 | 15.375 | 2100 | 2106 | 2120 | rVV | 1223292 | 1770259 | 17.04% | 1.605% |
| 44 | 15.487 | 2120 | 2125 | 2130 | rVB | 61342 | 87815 | 0.85% | 0.080% |
| 45 | 16.034 | 2214 | 2218 | 2224 | rVB7 | 24443 | 40172 | 0.39% | 0.036% |
| 46 | 16.157 | 2234 | 2239 | 2245 | rBV9 | 6157 | 13818 | 0.13% | 0.013% |
| 47 | 16.687 | 2323 | 2329 | 2333 | rVB6 | 12005 | 19688 | 0.19% | 0.018% |
| 48 | 16.787 | 2341 | 2346 | 2352 | rVB3 | 23633 | 42347 | 0.41% | 0.038% |
| 49 | 16.998 | 2375 | 2382 | 2391 | rBV | 3667373 | 5128001 | 49.36% | 4.650% |
| 50 | 17.098 | 2392 | 2399 | 2407 | rBV | 5722881 | 8377207 | 80.64% | 7.596% |
| 51 | 17.304 | 2430 | 2434 | 2439 | rVB5 | 10604 | 20449 | 0.20% | 0.019% |
| 52 | 17.381 | 2442 | 2447 | 2449 | rBV5 | 7263 | 10676 | 0.10% | 0.010% |
| 53 | 17.528 | 2469 | 2472 | 2475 | rBV4 | 14666 | 16212 | 0.16% | 0.015% |
| 54 | 17.692 | 2493 | 2500 | 2502 | rBV6 | 8597 | 17484 | 0.17% | 0.016% |
| 55 | 17.916 | 2533 | 2538 | 2546 | rBV2 | 188823 | 296488 | 2.85% | 0.269% |
| 56 | 18.222 | 2587 | 2590 | 2592 | rBV3 | 19619 | 18754 | 0.18% | 0.017% |
| 57 | 18.863 | 2695 | 2699 | 2702 | rBV4 | 33510 | 45910 | 0.44% | 0.042% |
| 58 | 19.034 | 2724 | 2728 | 2730 | rBV | 60606 | 85462 | 0.82% | 0.077% |
| 59 | 19.204 | 2753 | 2757 | 2763 | rBV4 | 95729 | 147045 | 1.42% | 0.133% |
| 60 | 19.286 | 2767 | 2771 | 2775 | rVV2 | 59113 | 89902 | 0.87% | 0.082% |
| 61 | 19.398 | 2784 | 2790 | 2796 | rBV | 7559919 | 9833068 | 94.65% | 8.916% |
| 62 | 19.439 | 2796 | 2797 | 2800 | rVV2 | 85884 | 83922 | 0.81% | 0.076% |
| 63 | 19.475 | 2801 | 2803 | 2809 | rVB3 | 58144 | 66653 | 0.64% | 0.060% |
| 64 | 19.980 | 2886 | 2889 | 2893 | rVB | 141813 | 145887 | 1.40% | 0.132% |
| 65 | 20.475 | 2970 | 2973 | 2977 | rBV | 246643 | 272980 | 2.63% | 0.248% |
| 66 | 20.939 | 3048 | 3052 | 3059 | rBV | 730243 | 1089585 | 10.49% | 0.988% |
| 67 | 21.198 | 3091 | 3096 | 3104 | rBV | 4747614 | 5881844 | 56.62% | 5.333% |
| 68 | 21.380 | 3123 | 3127 | 3131 | rBV | 594525 | 677998 | 6.53% | 0.615% |
| 69 | 21.810 | 3196 | 3200 | 3209 | rBV | 562332 | 938130 | 9.03% | 0.851% |
| 70 | 22.263 | 3274 | 3277 | 3285 | rVB | 506487 | 652756 | 6.28% | 0.592% |
| 71 | 22.757 | 3358 | 3361 | 3367 | rVB | 422767 | 569393 | 5.48% | 0.516% |

LSC Area Percent Report

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Acq On : 05 Nov 2019 11:13
Operator : JU
Sample : K5536-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BEK32

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 72 | 23.251 | 3438 | 3445 | 3451 | rBV | 5739615 | 10388372 | 100.00% | 9.419% |
| 73 | 23.386 | 3462 | 3468 | 3478 | rVB | 3409522 | 6342527 | 61.05% | 5.751% |

Sum of corrected areas: 110286642

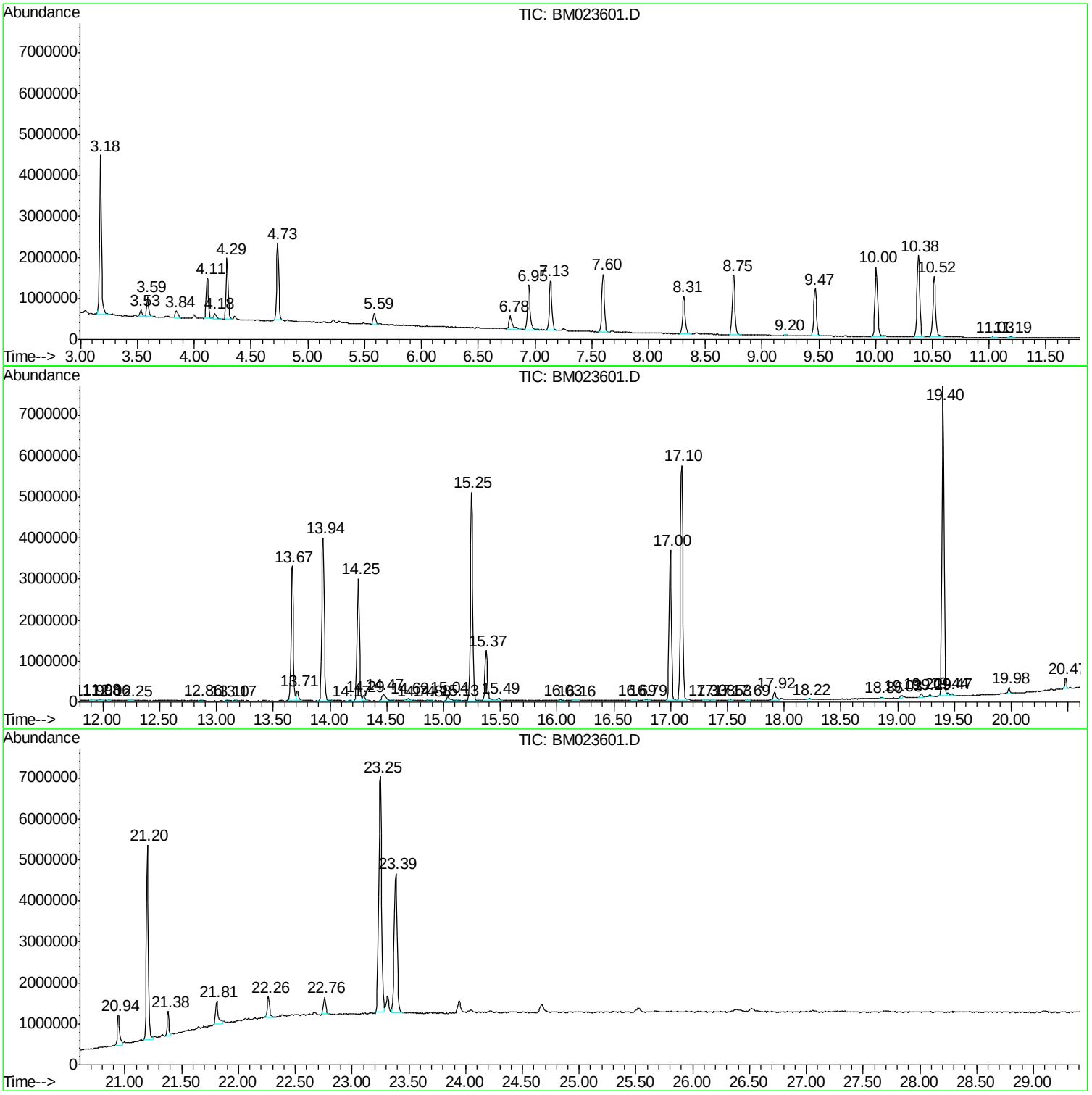
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023601.D
Acq On : 05 Nov 2019 11:13
Operator : JU
Sample : K5536-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BEK32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023601.D
Acq On : 05 Nov 2019 11:13
Operator : JU
Sample : K5536-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BEK32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

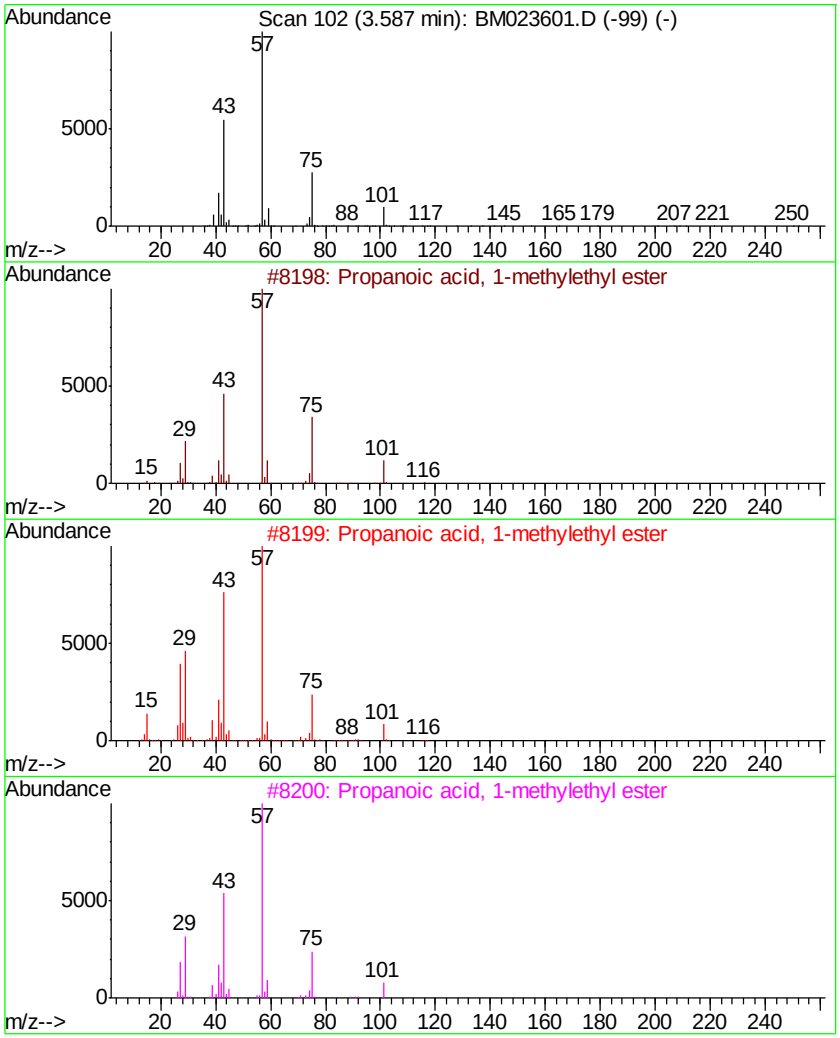
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

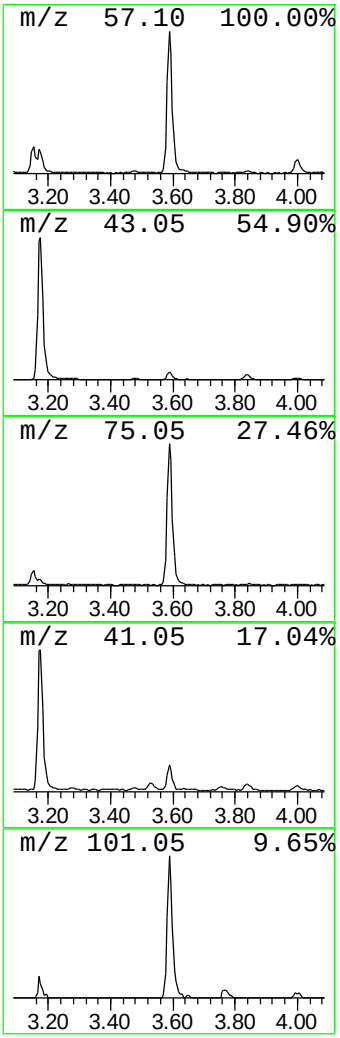
**********

Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.59 | 5.08 ng/ul | 559579 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 83 |
| 2 | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 83 |
| 3 | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 53 |
| 4 | Propanoic acid, 1-methylethyl ester | 116 | C6H12O2 | 000637-78-5 | 38 |
| 5 | (+-)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2 | 016504-58-8 | 9 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023601.D
Acq On : 05 Nov 2019 11:13
Operator : JU
Sample : K5536-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BEK32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

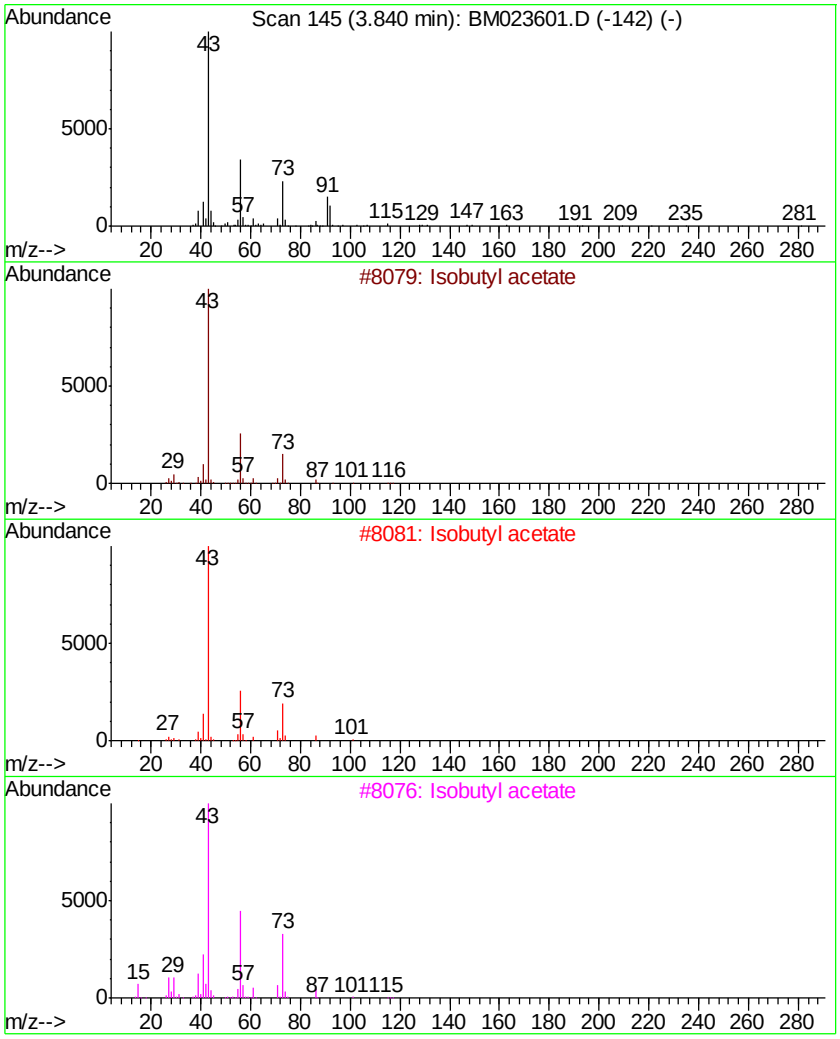
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

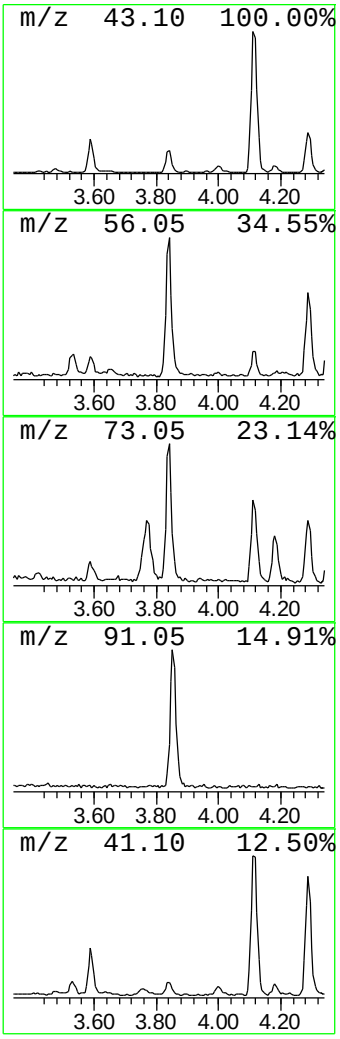
**********

Peak Number 2 Isobutyl acetate Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.84 | 2.48 ng/ul | 272919 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Isobutyl acetate | 116 | C6H12O2 | 000110-19-0 | 64 |
| 2 | Isobutyl acetate | 116 | C6H12O2 | 000110-19-0 | 59 |
| 3 | Isobutyl acetate | 116 | C6H12O2 | 000110-19-0 | 53 |
| 4 | Isobutyl acetate | 116 | C6H12O2 | 000110-19-0 | 50 |
| 5 | Isobutyl acetate | 116 | C6H12O2 | 000110-19-0 | 42 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023601.D
Acq On : 05 Nov 2019 11:13
Operator : JU
Sample : K5536-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BEK32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

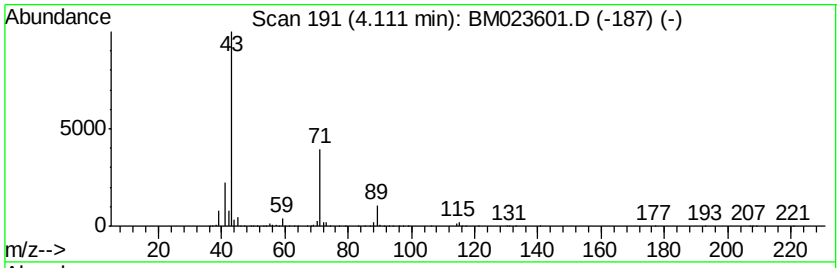
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

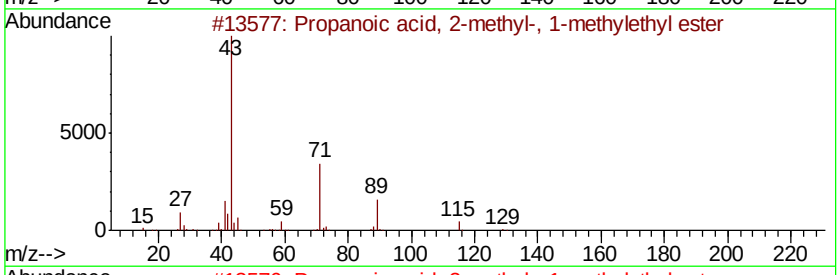
**********

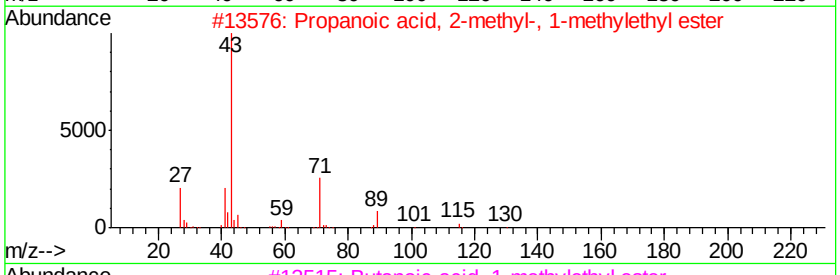
Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 3

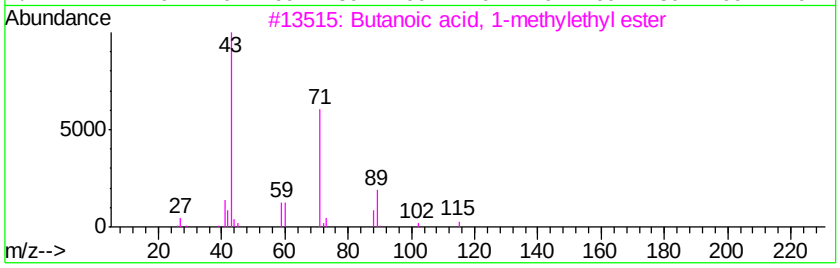
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.11 | 11.75 ng/ul | 1294240 | 1,4-Dichlorobenzene-d4 | 7.60 |

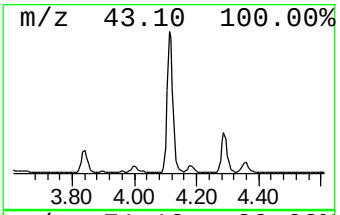
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 83 |
| 2 | Propanoic acid, 2-methyl-, 1-met... | 130 | C7H14O2 | 000617-50-5 | 83 |
| 3 | Butanoic acid, 1-methylethyl ester | 130 | C7H14O2 | 000638-11-9 | 38 |
| 4 | Propanoic acid, 2-methyl-, 3-met... | 158 | C9H18O2 | 002050-01-3 | 38 |
| 5 | Pentane, 3-ethyl- | 100 | C7H16 | 000617-78-7 | 36 |

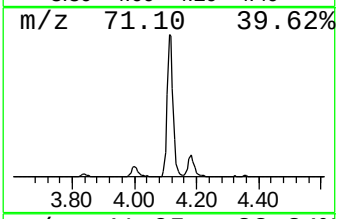


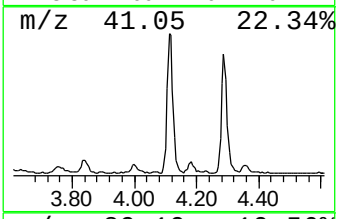



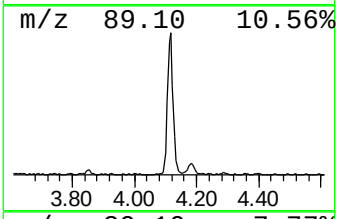



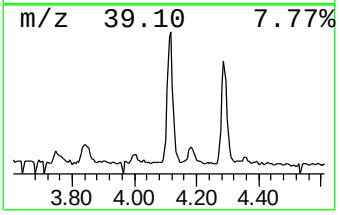



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023601.D
Acq On : 05 Nov 2019 11:13
Operator : JU
Sample : K5536-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BEK32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

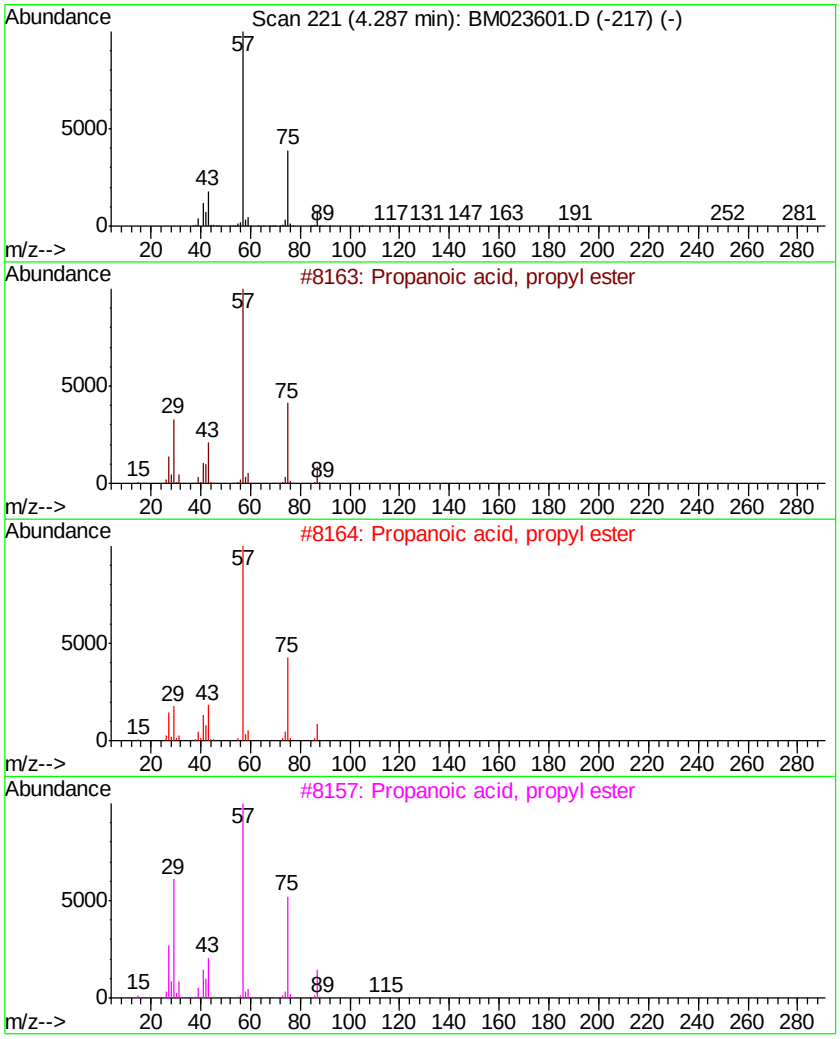
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

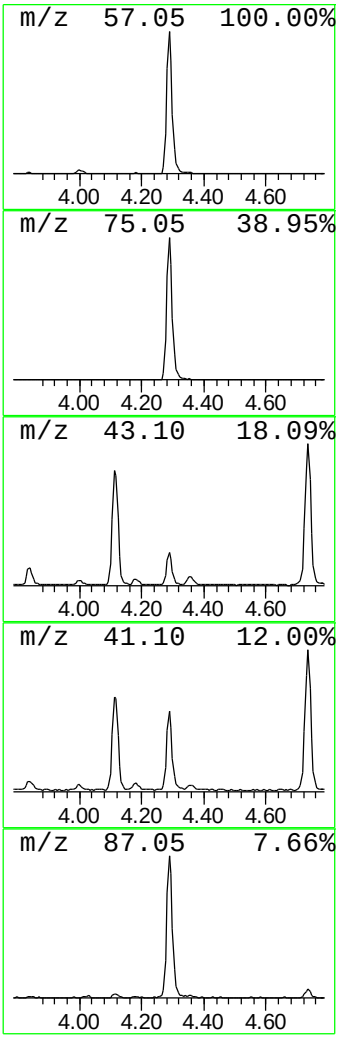
**********

Peak Number 4 Propanoic acid, propyl ester Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.29 | 17.15 ng/ul | 1887880 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 83 |
| 2 | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 83 |
| 3 | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 83 |
| 4 | Propanoic acid, propyl ester | 116 | C6H12O2 | 000106-36-5 | 83 |
| 5 | Propanoic acid, butyl ester | 130 | C7H14O2 | 000590-01-2 | 28 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023601.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BEK32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

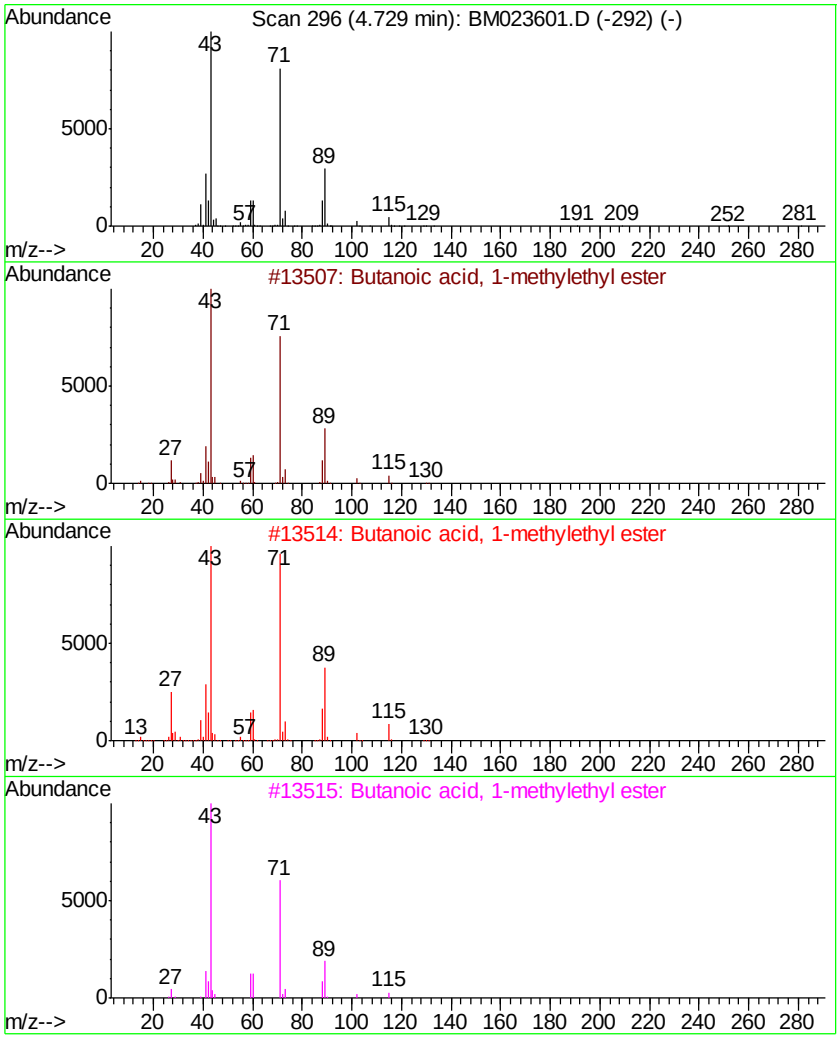
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

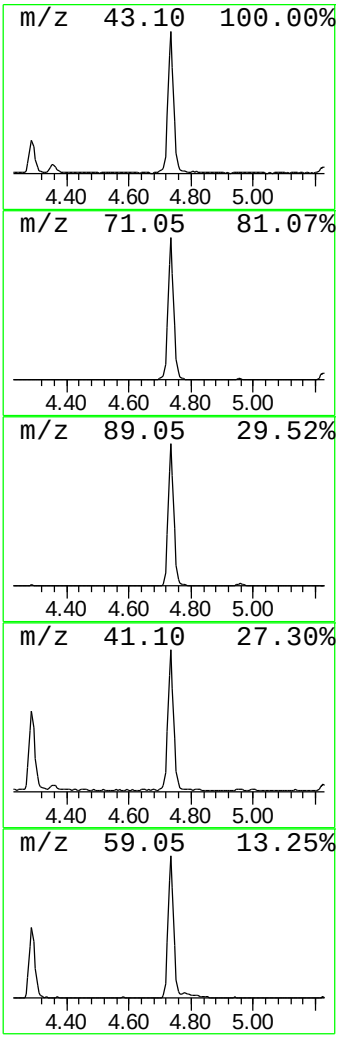
**********

Peak Number 5 Butanoic acid, 1-methylethy... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.73 | 21.85 ng/ul | 2405660 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid, 1-methylethyl ester | 130 | C7H14O2 | 000638-11-9 | 95 |
| 2 | Butanoic acid, 1-methylethyl ester | 130 | C7H14O2 | 000638-11-9 | 90 |
| 3 | Butanoic acid, 1-methylethyl ester | 130 | C7H14O2 | 000638-11-9 | 83 |
| 4 | Butanoic acid, propyl ester | 130 | C7H14O2 | 000105-66-8 | 64 |
| 5 | Butanoic acid, pentyl ester | 158 | C9H18O2 | 000540-18-1 | 64 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023601.D
Acq On : 05 Nov 2019 11:13
Operator : JU
Sample : K5536-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BEK32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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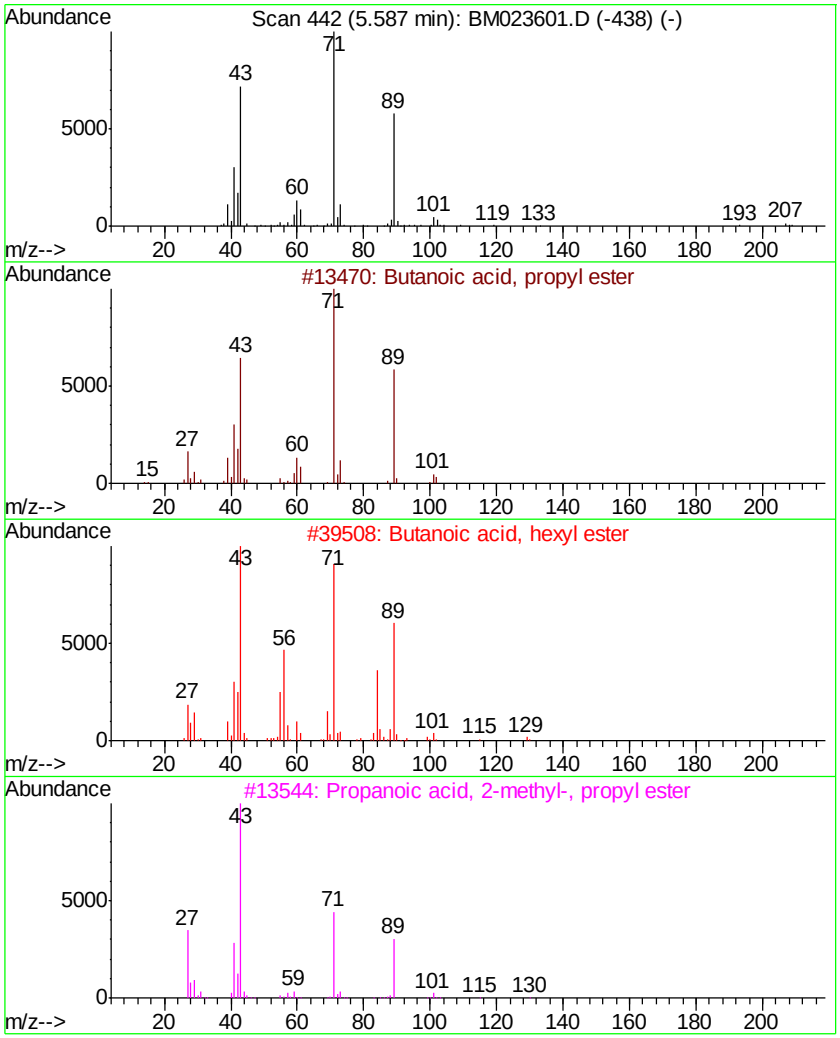
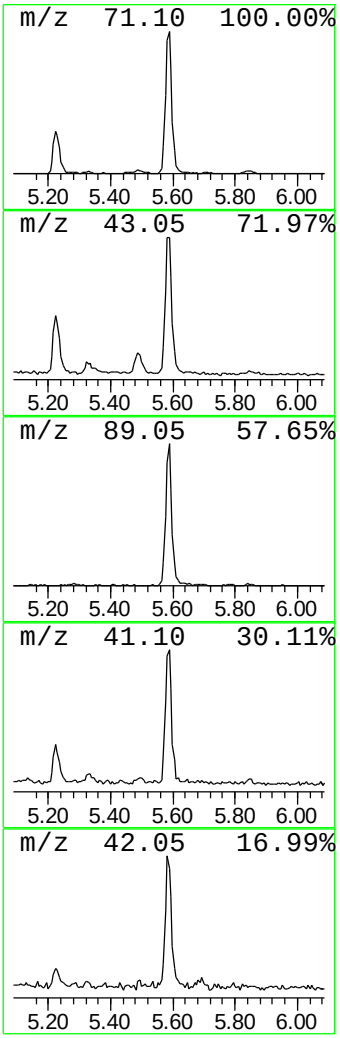
Peak Number 6 Butanoic acid, propyl ester Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.59 | 3.36 ng/ul | 369874 | 1,4-Dichlorobenzene-d4 | 7.60 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid, propyl ester | 130 | C7H14O2 | 000105-66-8 | 90 |
| 2 | Butanoic acid, hexyl ester | 172 | C10H20O2 | 002639-63-6 | 78 |
| 3 | Propanoic acid, 2-methyl-, propy... | 130 | C7H14O2 | 000644-49-5 | 78 |
| 4 | Butanoic acid, butyl ester | 144 | C8H16O2 | 000109-21-7 | 74 |
| 5 | Propanoic acid, 2-methyl-, propy... | 130 | C7H14O2 | 000644-49-5 | 72 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023601.D
Acq On : 05 Nov 2019 11:13
Operator : JU
Sample : K5536-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BEK32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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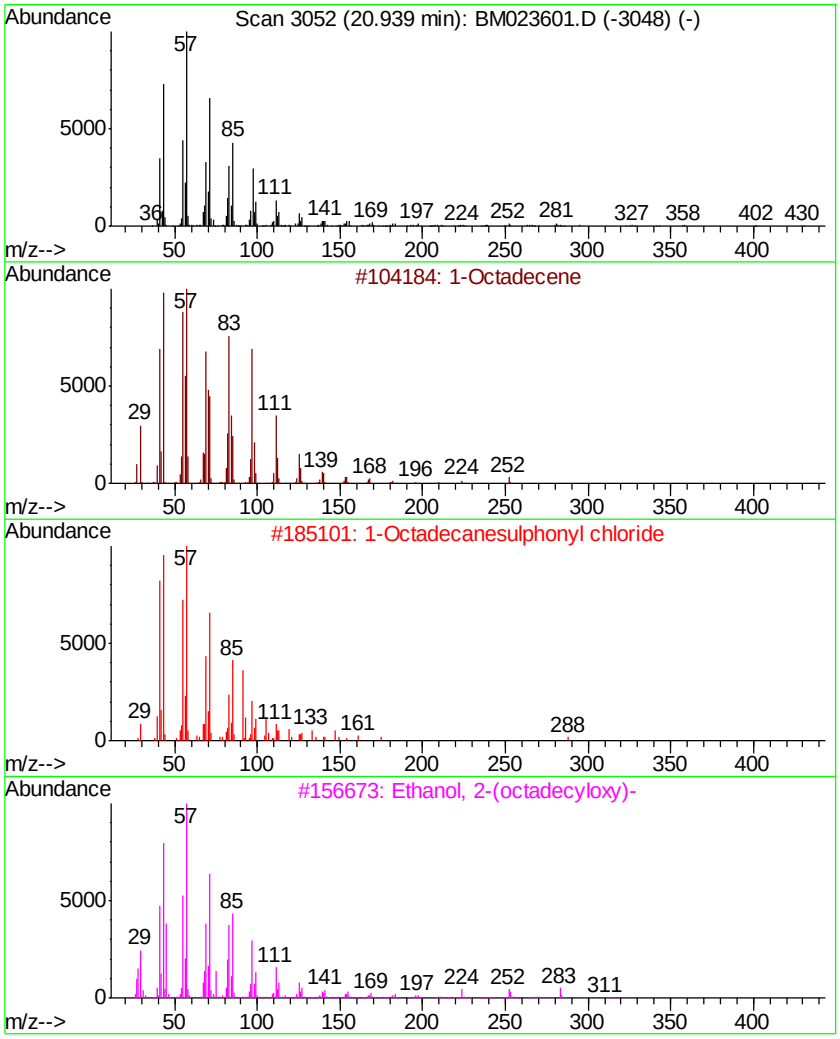
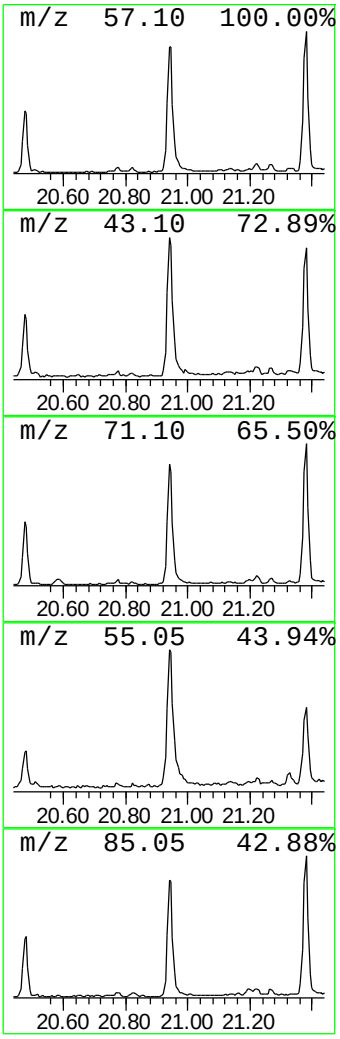
Peak Number 7 (DEL) Alkane: Cyclic20.94 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.94 | 3.70 ng/ul | 1089590 | Chrysene-d12 | 21.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 95 |
| 2 | 1-Octadecanesulphonyl chloride | 352 | C18H37ClO2S | 1000342-70-4 | 91 |
| 3 | Ethanol, 2-(octadecyloxy)- | 314 | C20H42O2 | 002136-72-3 | 90 |
| 4 | Octatriacontyl pentafluoropropio... | 697 | C41H77F5O2 | 1000351-89-1 | 83 |
| 5 | Sulfurous acid, octadecyl 2-prop... | 376 | C21H44O3S | 1000309-12-7 | 83 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023601.D
Acq On : 05 Nov 2019 11:13
Operator : JU
Sample : K5536-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BEK32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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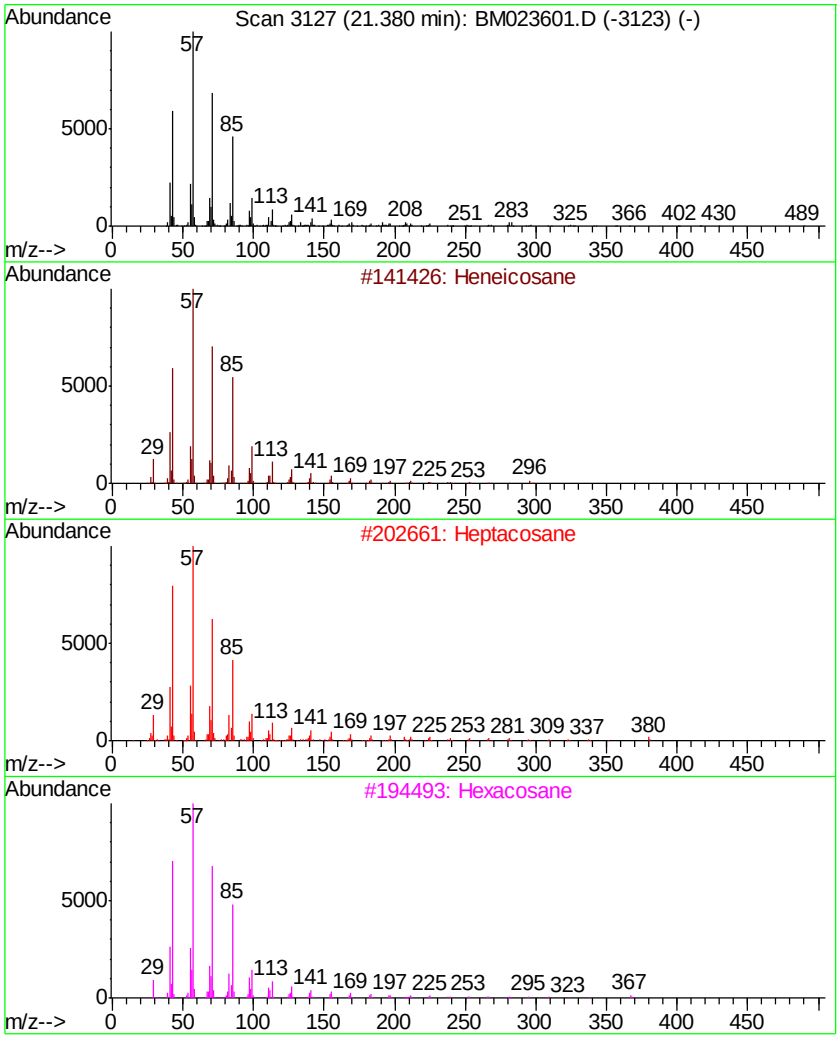
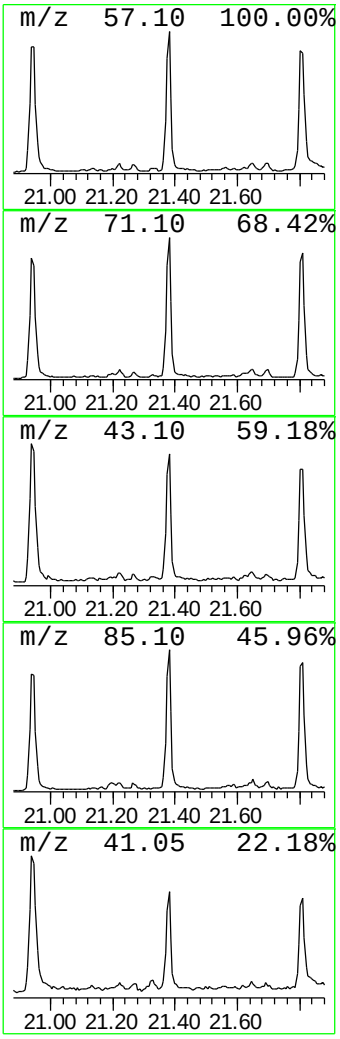
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.38 | 2.31 ng/ul | 677998 | Chrysene-d12 | 21.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 94 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 90 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 83 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023601.D
Acq On : 05 Nov 2019 11:13
Operator : JU
Sample : K5536-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BEK32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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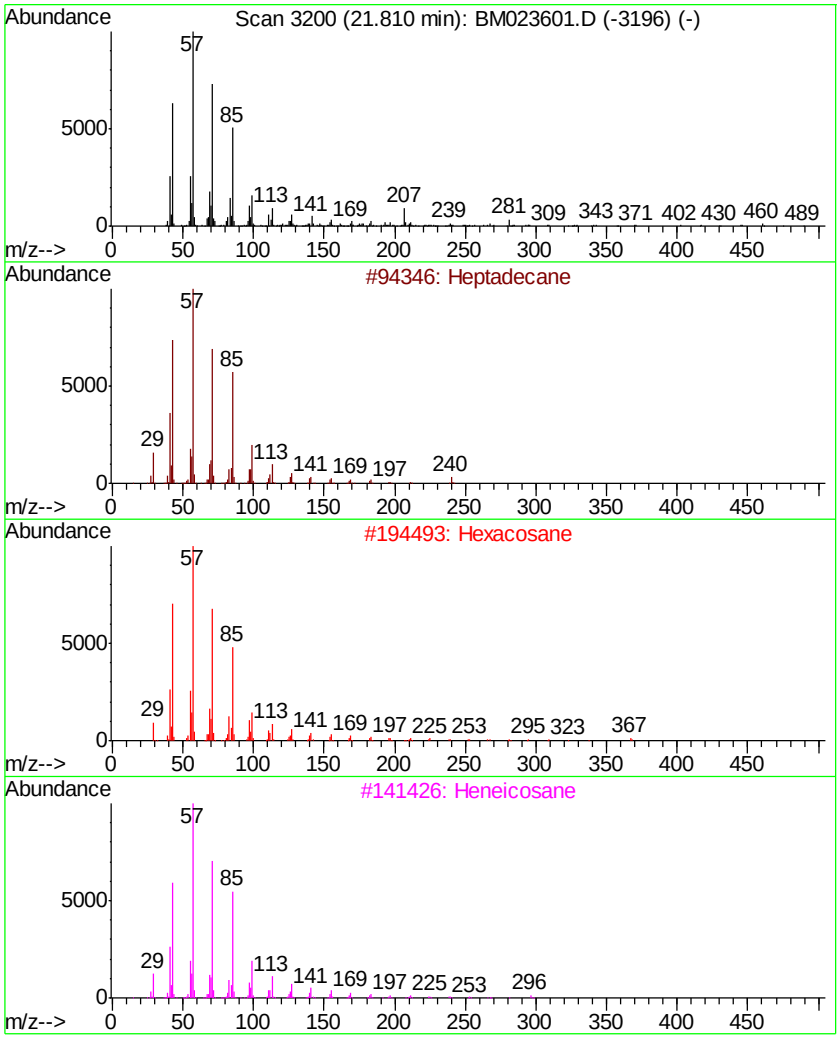
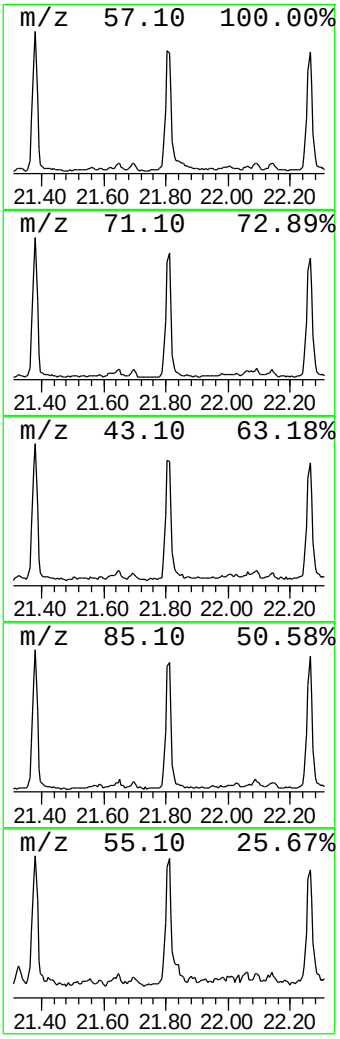
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.81 | 3.19 ng/ul | 938130 | Chrysene-d12 | 21.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecane | 240 | C17H36 | 000629-78-7 | 93 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |
| 5 | Tetratetracontane | 619 | C44H90 | 007098-22-8 | 87 |



# Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM110519\
Data File : BM023601.D
Acq On : 05 Nov 2019 11:13
Operator : JU
Sample : K5536-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BEK32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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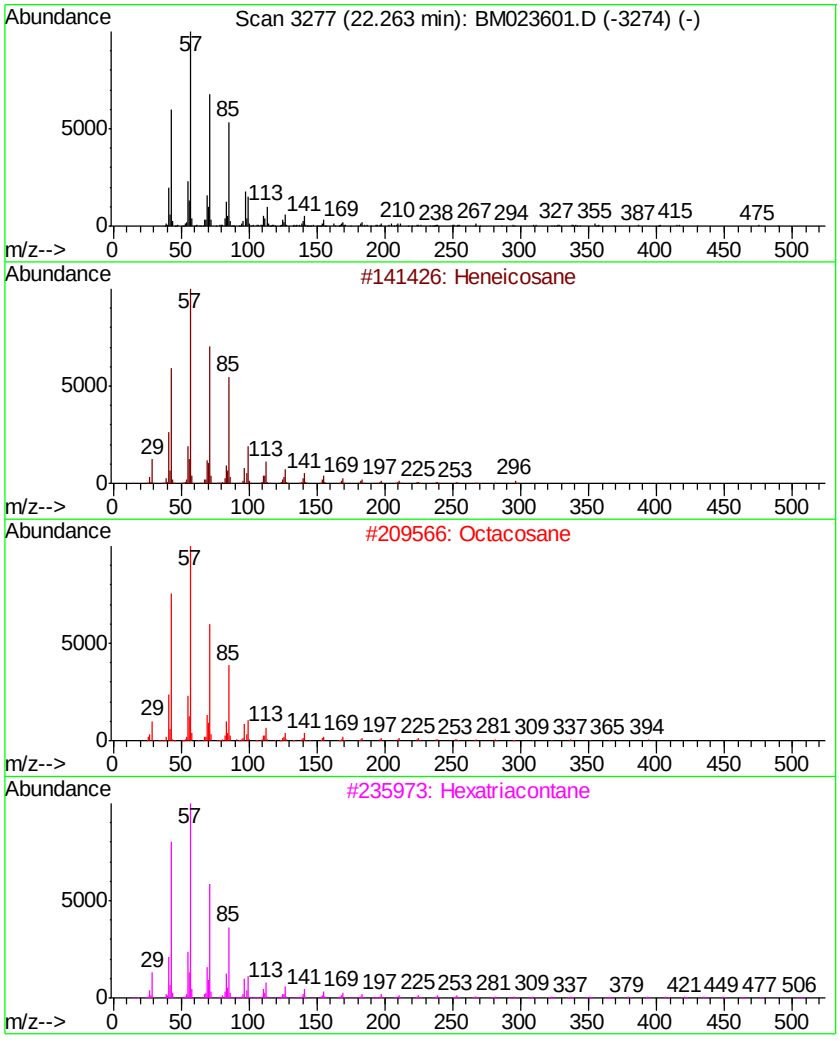
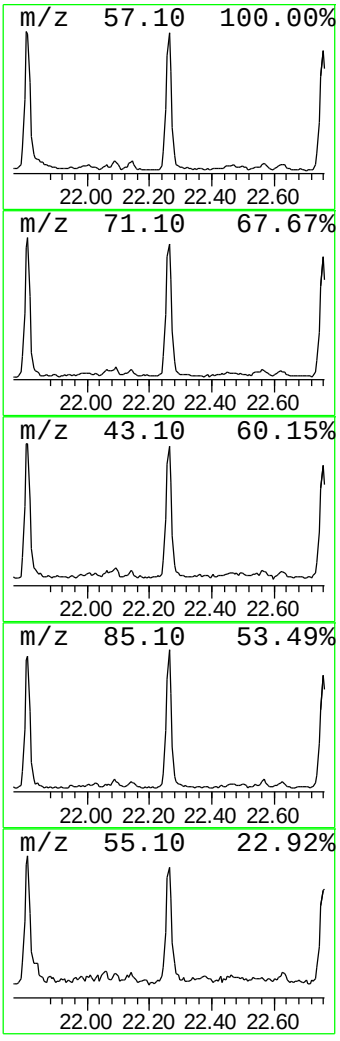
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.26 | 2.22 ng/ul | 652756 | Chrysene-d12 | 21.20 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |
| 3 | Hexatriacontane | 507 | C36H74 | 000630-06-8 | 87 |
| 4 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 87 |
| 5 | Octadecane | 254 | C18H38 | 000593-45-3 | 83 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM110519\
Data File : BM023601.D
Acq On : 05 Nov 2019 11:13
Operator : JU
Sample : K5536-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BEK32

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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 |
| Propanoic acid, 1... | 3.59 | 5.1 | ng/ul | 559579 | 1 | 7.60 | 2202160 | 20.0 |
| Isobutyl acetate | 3.84 | 2.5 | ng/ul | 272919 | 1 | 7.60 | 2202160 | 20.0 |
| Propanoic acid, 2... | 4.11 | 11.8 | ng/ul | 1294240 | 1 | 7.60 | 2202160 | 20.0 |
| Propanoic acid, p... | 4.29 | 17.1 | ng/ul | 1887880 | 1 | 7.60 | 2202160 | 20.0 |
| Butanoic acid, 1-... | 4.73 | 21.9 | ng/ul | 2405660 | 1 | 7.60 | 2202160 | 20.0 |
| Butanoic acid, pr... | 5.59 | 3.4 | ng/ul | 369874 | 1 | 7.60 | 2202160 | 20.0 |
| (DEL) Alkane: Cyc... | 20.94 | 3.7 | ng/ul | 1089590 | 5 | 21.20 | 5881840 | 20.0 |
| (DEL) Alkane: Str... | 21.38 | 2.3 | ng/ul | 677998 | 5 | 21.20 | 5881840 | 20.0 |
| (DEL) Alkane: Str... | 21.81 | 3.2 | ng/ul | 938130 | 5 | 21.20 | 5881840 | 20.0 |
| (DEL) Alkane: Str... | 22.26 | 2.2 | ng/ul | 652756 | 5 | 21.20 | 5881840 | 20.0 |