LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007603.D
Acq On : 22 Oct 2021 23:10
Operator : CG/JU
Sample : M4281-05DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFY61DL

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_P\METHODS\SFAM-EPA-BP101421.M
Title : SVOA CALIBRATION

Signal : TIC: BP007603.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.376 | 12 | 15 | 17 | rBV | 12384 | 11795 | 0.33% | 0.034% |
| 2 | 3.411 | 17 | 21 | 30 | rVB | 133548 | 174321 | 4.89% | 0.507% |
| 3 | 3.670 | 58 | 65 | 72 | rBV | 52799 | 96676 | 2.71% | 0.281% |
| 4 | 3.805 | 86 | 88 | 98 | rBV | 48904 | 83064 | 2.33% | 0.242% |
| 5 | 4.052 | 115 | 130 | 137 | rBV | 219266 | 595318 | 16.70% | 1.732% |
| 6 | 4.123 | 139 | 142 | 148 | rVB2 | 12416 | 18444 | 0.52% | 0.054% |
| 7 | 4.817 | 250 | 260 | 272 | rBV2 | 85141 | 254426 | 7.14% | 0.740% |
| 8 | 5.017 | 275 | 294 | 304 | rBV | 281023 | 946336 | 26.55% | 2.753% |
| 9 | 5.517 | 353 | 379 | 382 | rBV | 428194 | 1848492 | 51.85% | 5.378% |
| 10 | 5.834 | 428 | 433 | 438 | rVB9 | 5364 | 8645 | 0.24% | 0.025% |
| 11 | 5.981 | 452 | 458 | 463 | rBV10 | 3346 | 8503 | 0.24% | 0.025% |
| 12 | 6.028 | 463 | 466 | 471 | rVB5 | 3718 | 5431 | 0.15% | 0.016% |
| 13 | 6.405 | 510 | 530 | 540 | rBV | 319942 | 1037683 | 29.11% | 3.019% |
| 14 | 6.481 | 540 | 543 | 546 | rVB5 | 12811 | 15898 | 0.45% | 0.046% |
| 15 | 6.811 | 595 | 599 | 603 | rVB5 | 3930 | 5141 | 0.14% | 0.015% |
| 16 | 7.034 | 617 | 637 | 645 | rBV | 425704 | 1481469 | 41.56% | 4.310% |
| 17 | 7.105 | 645 | 649 | 659 | rVB | 48733 | 92695 | 2.60% | 0.270% |
| 18 | 7.269 | 671 | 677 | 687 | rVB | 137666 | 227287 | 6.38% | 0.661% |
| 19 | 7.475 | 705 | 712 | 718 | rBV | 143378 | 223168 | 6.26% | 0.649% |
| 20 | 7.552 | 723 | 725 | 732 | rVB6 | 3870 | 6359 | 0.18% | 0.019% |
| 21 | 7.911 | 775 | 786 | 788 | rBV | 209158 | 459685 | 12.90% | 1.337% |
| 22 | 7.946 | 788 | 792 | 799 | rVB | 754226 | 1163318 | 32.63% | 3.384% |
| 23 | 8.146 | 823 | 826 | 830 | rVB6 | 4628 | 6356 | 0.18% | 0.018% |
| 24 | 8.199 | 830 | 835 | 838 | rBV7 | 3205 | 5686 | 0.16% | 0.017% |
| 25 | 8.469 | 876 | 881 | 885 | rBV3 | 6052 | 9986 | 0.28% | 0.029% |
| 26 | 8.563 | 885 | 897 | 906 | rVV | 273067 | 634435 | 17.80% | 1.846% |
| 27 | 8.652 | 906 | 912 | 917 | rVV | 123249 | 209858 | 5.89% | 0.611% |
| 28 | 8.705 | 917 | 921 | 927 | rVB | 25937 | 43024 | 1.21% | 0.125% |
| 29 | 8.840 | 939 | 944 | 945 | rBV5 | 2930 | 4141 | 0.12% | 0.012% |
| 30 | 9.099 | 980 | 988 | 998 | rBV | 170246 | 283009 | 7.94% | 0.823% |
| 31 | 9.222 | 1007 | 1009 | 1013 | rBV5 | 2949 | 4778 | 0.13% | 0.014% |
| 32 | 9.410 | 1035 | 1041 | 1052 | rBV | 43019 | 79809 | 2.24% | 0.232% |
| 33 | 9.563 | 1063 | 1067 | 1073 | rVB7 | 7578 | 13405 | 0.38% | 0.039% |
| 34 | 9.716 | 1090 | 1093 | 1096 | rVB5 | 2457 | 3708 | 0.10% | 0.011% |
| 35 | 9.828 | 1105 | 1112 | 1120 | rBV | 114906 | 195051 | 5.47% | 0.567% |
| 36 | 10.105 | 1146 | 1159 | 1173 | rBV | 386843 | 889458 | 24.95% | 2.588% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007603.D
Acq On : 22 Oct 2021 23:10
Operator : CG/JU
Sample : M4281-05DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFY61DL

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_P\METHODS\SFAM-EPA-BP101421.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 10.369 | 1197 | 1204 | 1214 | rVB | 211827 | 367110 | 10.30% | 1.068% |
| 38 | 10.534 | 1225 | 1232 | 1239 | rBV | 158935 | 262651 | 7.37% | 0.764% |
| 39 | 10.581 | 1239 | 1240 | 1243 | rVB3 | 4079 | 3653 | 0.10% | 0.011% |
| 40 | 10.746 | 1261 | 1268 | 1278 | rVB | 994348 | 1725214 | 48.40% | 5.019% |
| 41 | 10.881 | 1284 | 1291 | 1299 | rBV | 166226 | 286061 | 8.02% | 0.832% |
| 42 | 11.075 | 1320 | 1324 | 1326 | rBV5 | 3117 | 3922 | 0.11% | 0.011% |
| 43 | 11.157 | 1335 | 1338 | 1344 | rVB7 | 6580 | 11164 | 0.31% | 0.032% |
| 44 | 11.275 | 1353 | 1358 | 1365 | rVV | 13286 | 24810 | 0.70% | 0.072% |
| 45 | 11.363 | 1369 | 1373 | 1375 | rVB5 | 2496 | 3575 | 0.10% | 0.010% |
| 46 | 11.393 | 1375 | 1378 | 1386 | rBV10 | 4602 | 8869 | 0.25% | 0.026% |
| 47 | 11.546 | 1397 | 1404 | 1416 | rBV2 | 32621 | 64249 | 1.80% | 0.187% |
| 48 | 12.063 | 1488 | 1492 | 1498 | rVB6 | 10850 | 17417 | 0.49% | 0.051% |
| 49 | 12.334 | 1531 | 1538 | 1540 | rBV6 | 6158 | 10958 | 0.31% | 0.032% |
| 50 | 12.363 | 1540 | 1543 | 1548 | rVB7 | 3419 | 6959 | 0.20% | 0.020% |
| 51 | 12.540 | 1569 | 1573 | 1580 | rBV4 | 10283 | 16995 | 0.48% | 0.049% |
| 52 | 12.722 | 1600 | 1604 | 1610 | rVB8 | 5337 | 10526 | 0.30% | 0.031% |
| 53 | 12.781 | 1610 | 1614 | 1617 | rBV6 | 2598 | 4033 | 0.11% | 0.012% |
| 54 | 12.869 | 1623 | 1629 | 1639 | rBV | 121234 | 180412 | 5.06% | 0.525% |
| 55 | 13.204 | 1681 | 1686 | 1690 | rVB7 | 5053 | 8688 | 0.24% | 0.025% |
| 56 | 13.322 | 1701 | 1706 | 1708 | rBV6 | 3497 | 5462 | 0.15% | 0.016% |
| 57 | 13.493 | 1729 | 1735 | 1740 | rBV3 | 14450 | 22891 | 0.64% | 0.067% |
| 58 | 13.551 | 1740 | 1745 | 1746 | rBV5 | 3649 | 4581 | 0.13% | 0.013% |
| 59 | 13.710 | 1769 | 1772 | 1776 | rBV6 | 3663 | 4757 | 0.13% | 0.014% |
| 60 | 13.987 | 1813 | 1819 | 1825 | rBV | 439341 | 608815 | 17.08% | 1.771% |
| 61 | 14.269 | 1858 | 1867 | 1874 | rBV | 457382 | 695703 | 19.52% | 2.024% |
| 62 | 14.428 | 1890 | 1894 | 1896 | rBV5 | 3250 | 3912 | 0.11% | 0.011% |
| 63 | 14.475 | 1896 | 1902 | 1903 | rVV6 | 6393 | 9279 | 0.26% | 0.027% |
| 64 | 14.504 | 1903 | 1907 | 1910 | rVV3 | 8306 | 15269 | 0.43% | 0.044% |
| 65 | 14.581 | 1913 | 1920 | 1931 | rVV | 1640296 | 2435963 | 68.33% | 7.087% |
| 66 | 14.769 | 1947 | 1952 | 1958 | rVB2 | 32008 | 47103 | 1.32% | 0.137% |
| 67 | 14.845 | 1963 | 1965 | 1969 | rVB5 | 3116 | 3797 | 0.11% | 0.011% |
| 68 | 15.004 | 1987 | 1992 | 1993 | rBV5 | 7179 | 9988 | 0.28% | 0.029% |
| 69 | 15.034 | 1993 | 1997 | 2002 | rVB8 | 8296 | 16420 | 0.46% | 0.048% |
| 70 | 15.134 | 2007 | 2014 | 2038 | rBV3 | 71841 | 400114 | 11.22% | 1.164% |
| 71 | 15.322 | 2044 | 2046 | 2052 | rVB5 | 10044 | 14060 | 0.39% | 0.041% |
| 72 | 15.440 | 2063 | 2066 | 2070 | rVB4 | 8403 | 11928 | 0.33% | 0.035% |
| 73 | 15.575 | 2082 | 2089 | 2097 | rBV | 668885 | 970240 | 27.22% | 2.823% |
| 74 | 15.687 | 2103 | 2108 | 2113 | rVB4 | 20102 | 29493 | 0.83% | 0.086% |
| 75 | 15.816 | 2126 | 2130 | 2135 | rVB4 | 9521 | 14554 | 0.41% | 0.042% |
| 76 | 15.934 | 2149 | 2150 | 2154 | rBV4 | 3828 | 5014 | 0.14% | 0.015% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007603.D
Acq On : 22 Oct 2021 23:10
Operator : CG/JU
Sample : M4281-05DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFY61DL

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_P\METHODS\SFAM-EPA-BP101421.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 16.016 | 2162 | 2164 | 2169 | rVB6 | 5408 | 8155 | 0.23% | 0.024% |
| 78 | 16.134 | 2180 | 2184 | 2186 | rBV4 | 4280 | 5470 | 0.15% | 0.016% |
| 79 | 16.310 | 2212 | 2214 | 2218 | rVB5 | 4624 | 4613 | 0.13% | 0.013% |
| 80 | 16.369 | 2222 | 2224 | 2228 | rVV4 | 3851 | 4143 | 0.12% | 0.012% |
| 81 | 16.528 | 2249 | 2251 | 2255 | rBV5 | 6038 | 6672 | 0.19% | 0.019% |
| 82 | 16.992 | 2326 | 2330 | 2337 | rBV2 | 8892 | 22015 | 0.62% | 0.064% |
| 83 | 17.081 | 2343 | 2345 | 2348 | rBV3 | 9952 | 13810 | 0.39% | 0.040% |
| 84 | 17.334 | 2381 | 2388 | 2397 | rBV | 2027012 | 2969443 | 83.30% | 8.639% |
| 85 | 17.434 | 2399 | 2405 | 2412 | rVV | 792362 | 1126035 | 31.59% | 3.276% |
| 86 | 18.016 | 2500 | 2504 | 2509 | rVB | 46045 | 51644 | 1.45% | 0.150% |
| 87 | 18.228 | 2536 | 2540 | 2547 | rBV2 | 90429 | 121076 | 3.40% | 0.352% |
| 88 | 18.522 | 2587 | 2590 | 2596 | rBV5 | 22381 | 37292 | 1.05% | 0.108% |
| 89 | 19.145 | 2693 | 2696 | 2700 | rBV3 | 48105 | 57258 | 1.61% | 0.167% |
| 90 | 19.610 | 2771 | 2775 | 2779 | rBV2 | 83794 | 105528 | 2.96% | 0.307% |
| 91 | 19.663 | 2779 | 2784 | 2790 | rVV | 1059367 | 1404885 | 39.41% | 4.087% |
| 92 | 20.622 | 2945 | 2947 | 2952 | rVB3 | 67907 | 73240 | 2.05% | 0.213% |
| 93 | 21.133 | 3031 | 3034 | 3040 | rBV5 | 104805 | 153524 | 4.31% | 0.447% |
| 94 | 21.416 | 3077 | 3082 | 3088 | rBV | 2531079 | 3423202 | 96.03% | 9.959% |
| 95 | 23.704 | 3465 | 3471 | 3479 | rVB2 | 675344 | 1365508 | 38.31% | 3.973% |
| 96 | 23.792 | 3483 | 3486 | 3491 | rVV | 219029 | 360310 | 10.11% | 1.048% |
| 97 | 23.863 | 3492 | 3498 | 3510 | rVB2 | 1662907 | 3564785 | 100.00% | 10.371% |

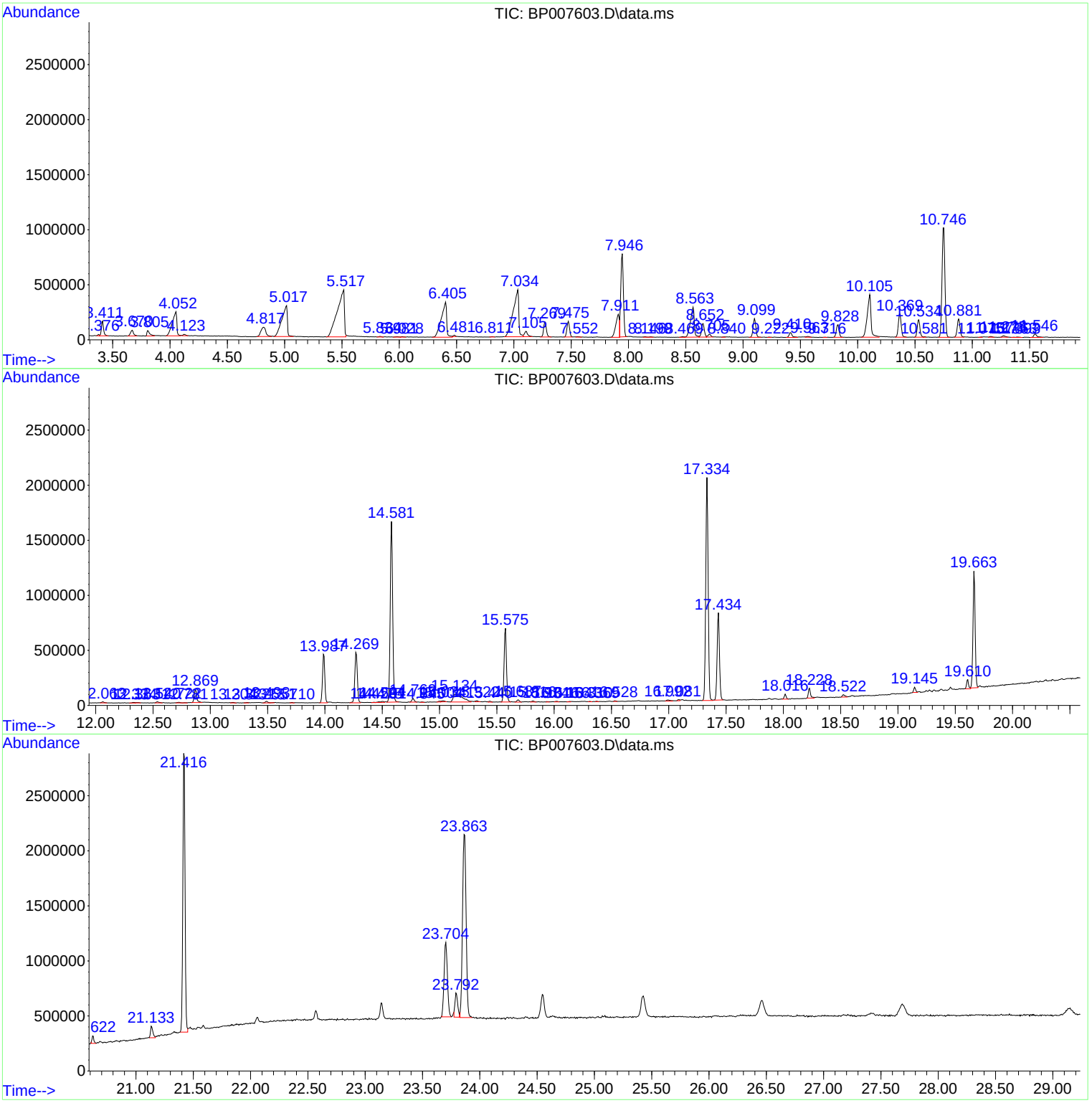
Sum of corrected areas: 34372075

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007603.D
Acq On : 22 Oct 2021 23:10
Operator : CG/JU
Sample : M4281-05DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BFY61DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007603.D
Acq On : 22 Oct 2021 23:10
Operator : CG/JU
Sample : M4281-05DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFY61DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

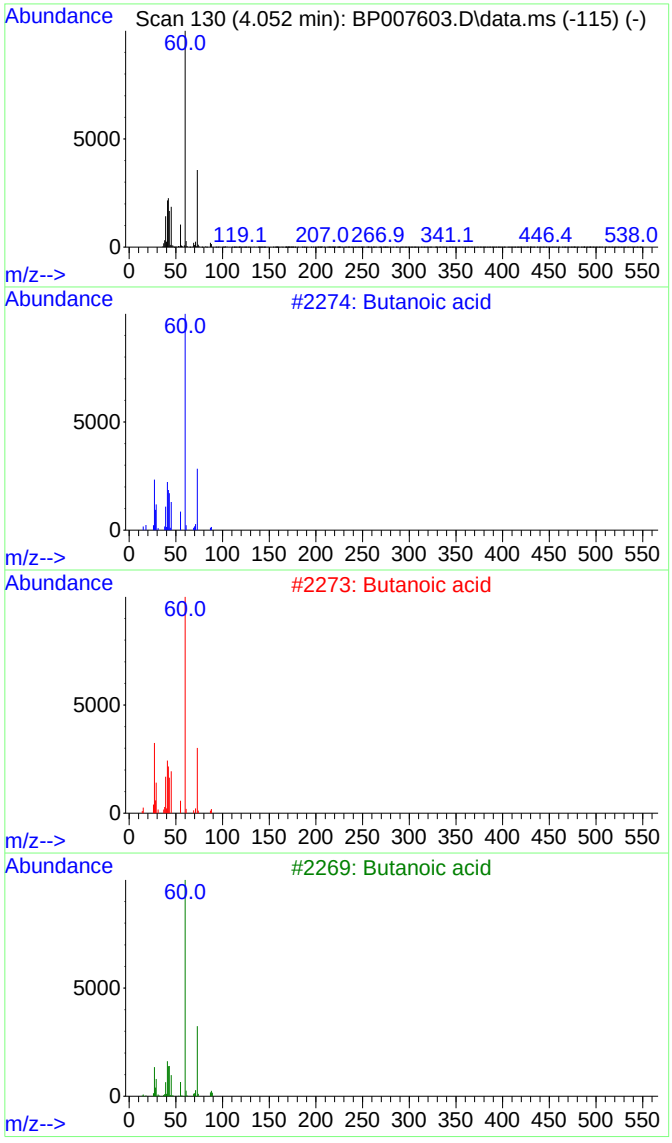
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

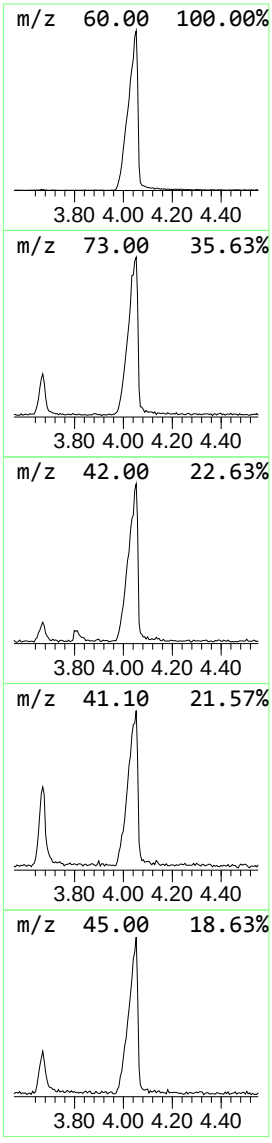
**********

Peak Number 1 Butanoic acid Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.052 | 10.23 ng/ul | 595318 | 1,4-Dichlorobenzene-d4 | 7.946 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 91 |
| 2 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 90 |
| 3 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 72 |
| 4 | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 72 |
| 5 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007603.D
Acq On : 22 Oct 2021 23:10
Operator : CG/JU
Sample : M4281-05DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFY61DL

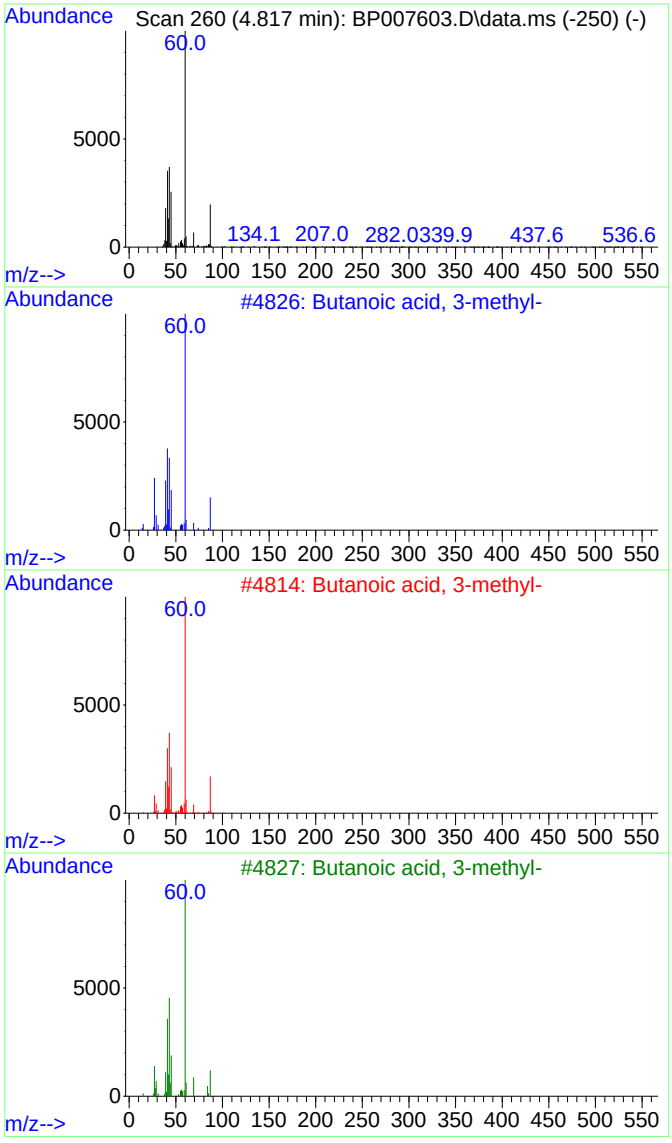
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

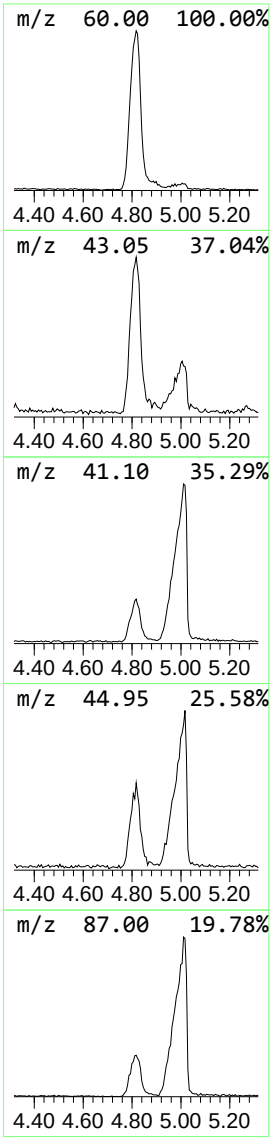
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Butanoic acid, 3-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 4.817 | 4.37 ng/ul | 254426 | 1,4-Dichlorobenzene-d4 | 7.946 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 64 |
| 2 | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 64 |
| 3 | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 59 |
| 4 | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 46 |
| 5 | Butanoic acid, 3-methyl- | 102 | C5H10O2 | 000503-74-2 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007603.D
Acq On : 22 Oct 2021 23:10
Operator : CG/JU
Sample : M4281-05DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFY61DL

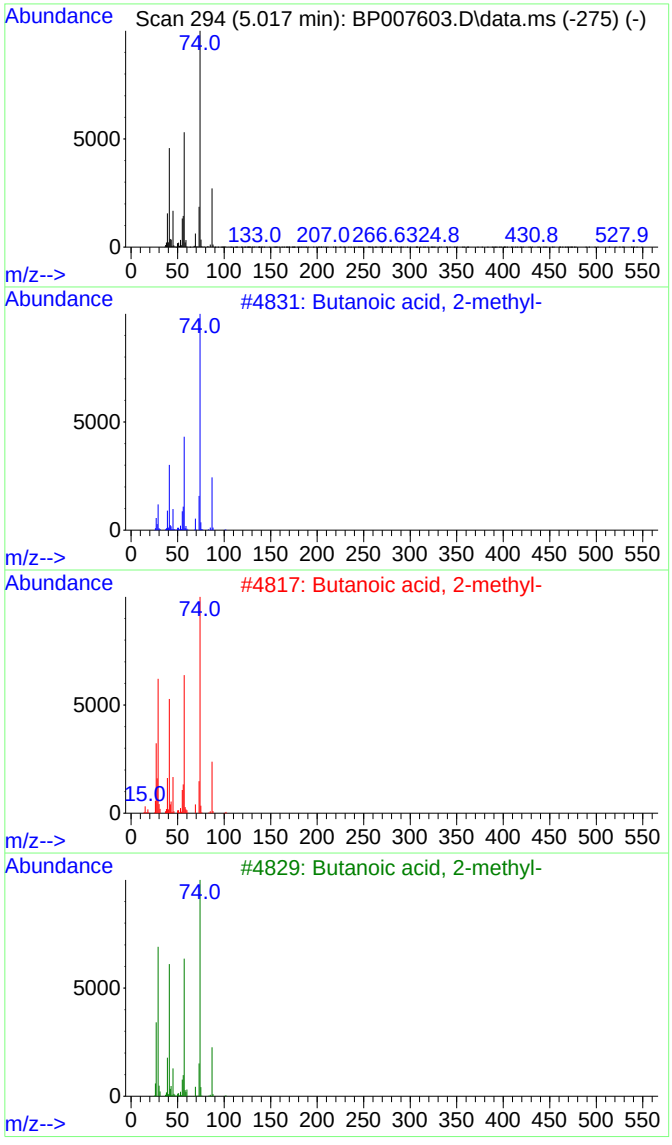
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

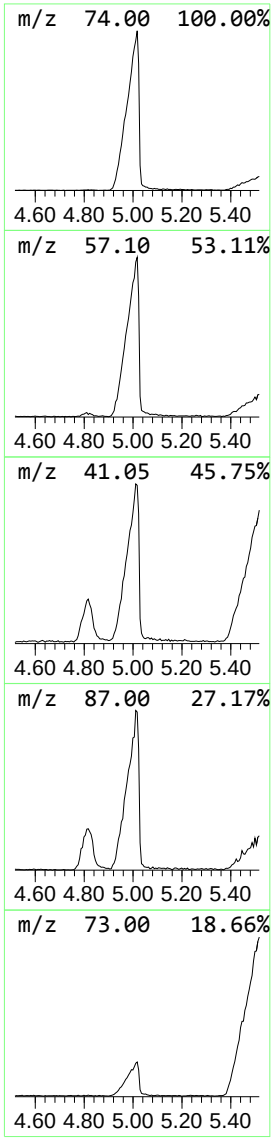
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Butanoic acid, 2-methyl- Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.017 | 16.27 ng/ul | 946336 | 1,4-Dichlorobenzene-d4 | 7.946 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid, 2-methyl- | 102 | C5H10O2 | 000116-53-0 | 90 |
| 2 | Butanoic acid, 2-methyl- | 102 | C5H10O2 | 000116-53-0 | 83 |
| 3 | Butanoic acid, 2-methyl- | 102 | C5H10O2 | 000116-53-0 | 78 |
| 4 | Pentanoic acid, 2-methyl- | 116 | C6H12O2 | 000097-61-0 | 56 |
| 5 | Hexanoic acid, 2-methyl- | 130 | C7H14O2 | 004536-23-6 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007603.D
Acq On : 22 Oct 2021 23:10
Operator : CG/JU
Sample : M4281-05DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BFY61DL

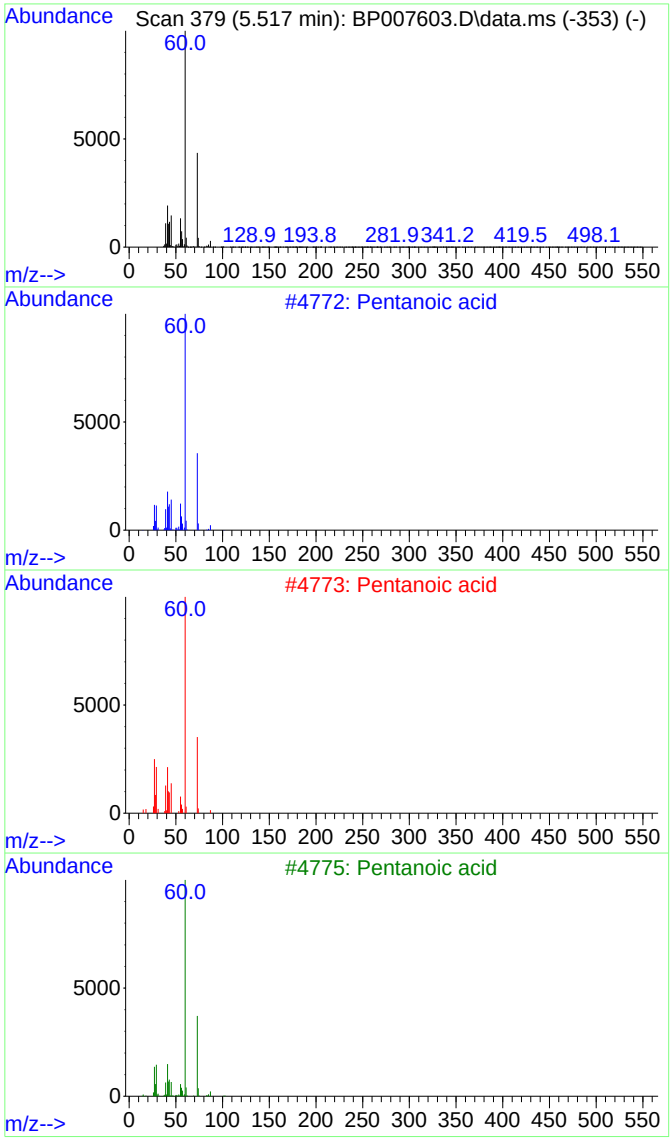
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

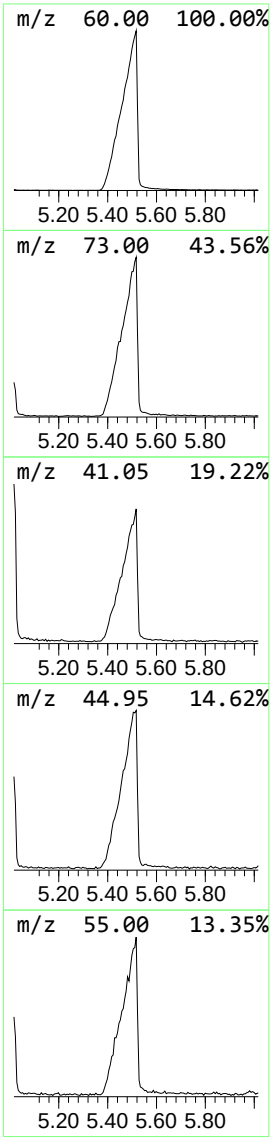
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Pentanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.517 | 31.78 ng/ul | 1848490 | 1,4-Dichlorobenzene-d4 | 7.946 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 90 |
| 2 | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 83 |
| 3 | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 78 |
| 4 | Butanoic acid | 88 | C4H8O2 | 000107-92-6 | 78 |
| 5 | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007603.D
Acq On : 22 Oct 2021 23:10
Operator : CG/JU
Sample : M4281-05DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BFY61DL

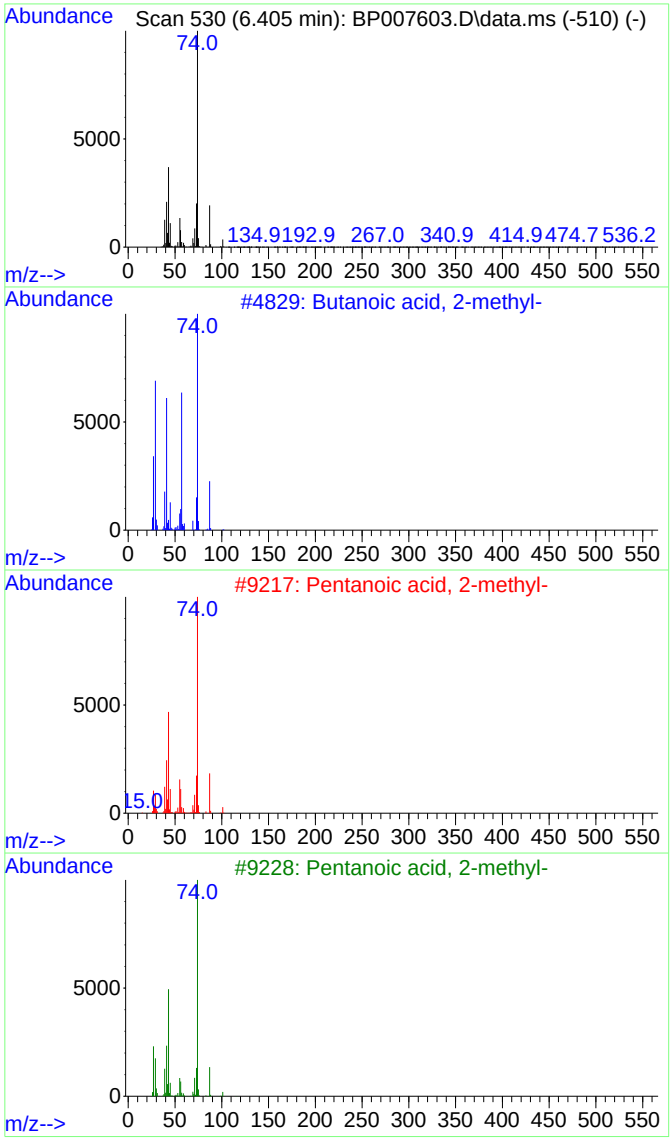
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

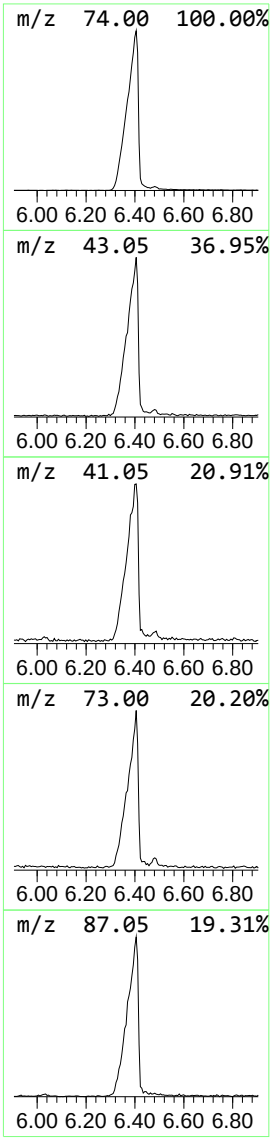
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Pentanoic acid, 2-methyl- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.405 | 17.84 ng/ul | 1037680 | 1,4-Dichlorobenzene-d4 | 7.946 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butanoic acid, 2-methyl- | 102 | C5H10O2 | 000116-53-0 | 80 |
| 2 | Pentanoic acid, 2-methyl- | 116 | C6H12O2 | 000097-61-0 | 78 |
| 3 | Pentanoic acid, 2-methyl- | 116 | C6H12O2 | 000097-61-0 | 72 |
| 4 | Pentanoic acid, 2-methyl- | 116 | C6H12O2 | 000097-61-0 | 72 |
| 5 | Hexanoic acid, 2-methyl- | 130 | C7H14O2 | 004536-23-6 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007603.D
Acq On : 22 Oct 2021 23:10
Operator : CG/JU
Sample : M4281-05DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFY61DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

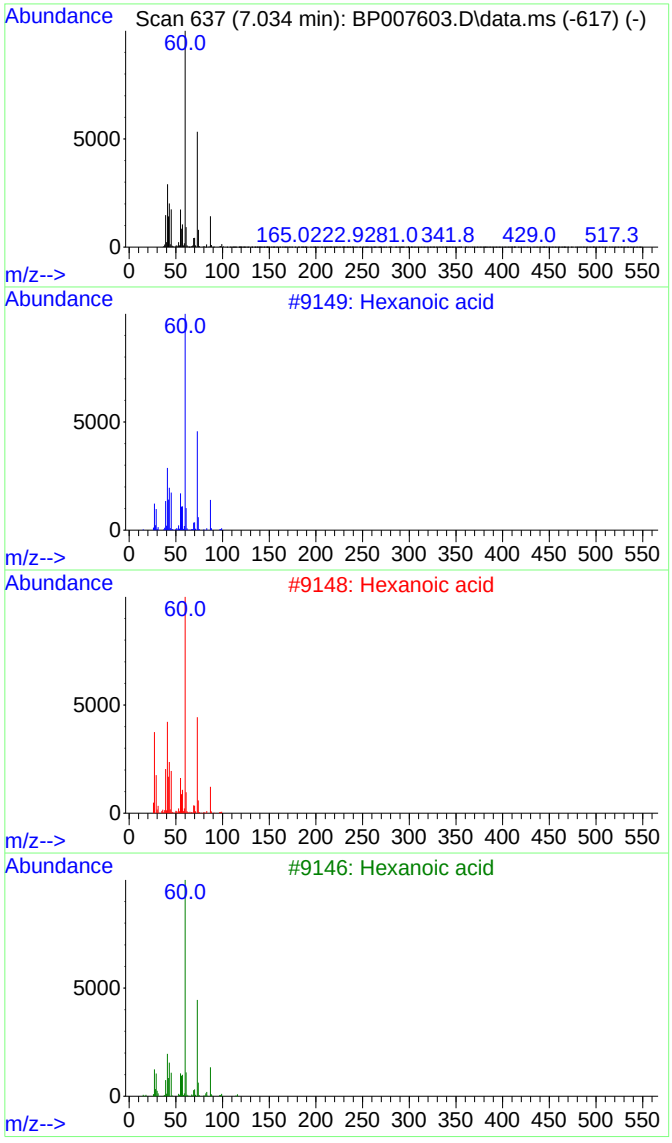
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

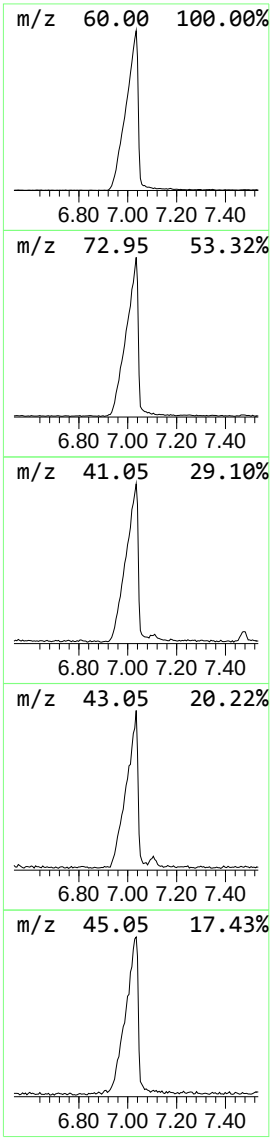
**********

Peak Number 6 Hexanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.034 | 25.47 ng/ul | 1481470 | 1,4-Dichlorobenzene-d4 | 7.946 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexanoic acid | 116 | C6H12O2 | 000142-62-1 | 90 |
| 2 | Hexanoic acid | 116 | C6H12O2 | 000142-62-1 | 90 |
| 3 | Hexanoic acid | 116 | C6H12O2 | 000142-62-1 | 83 |
| 4 | Heptanoic acid | 130 | C7H14O2 | 000111-14-8 | 74 |
| 5 | Pentanoic acid | 102 | C5H10O2 | 000109-52-4 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007603.D
Acq On : 22 Oct 2021 23:10
Operator : CG/JU
Sample : M4281-05DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BFY61DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

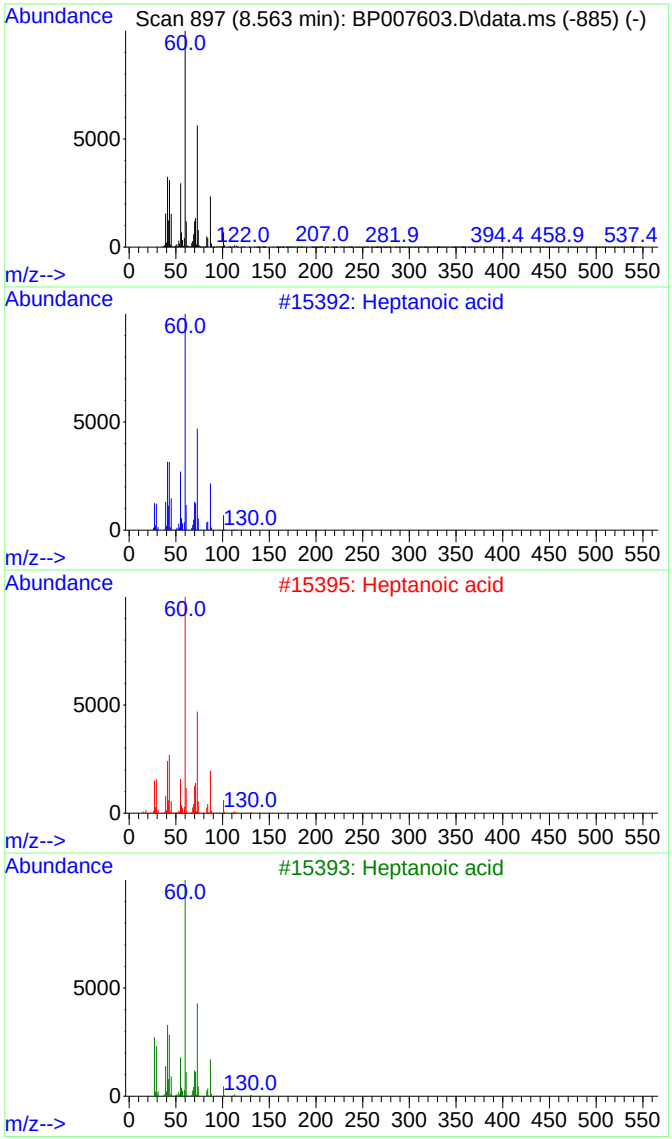
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

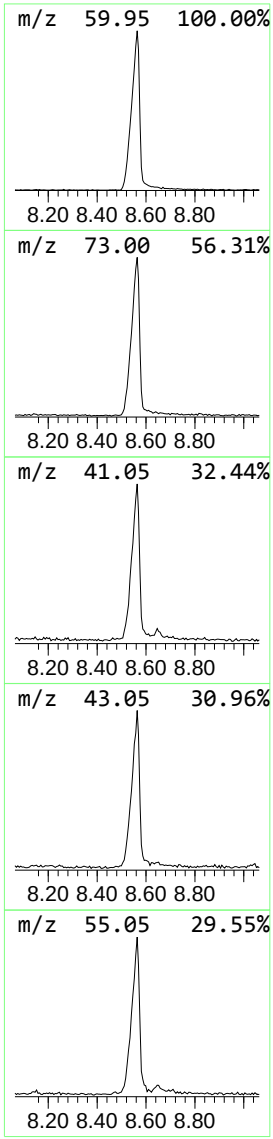
**********

Peak Number 7 Heptanoic acid Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.563 | 10.91 ng/ul | 634435 | 1,4-Dichlorobenzene-d4 | 7.946 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptanoic acid | 130 | C7H14O2 | 000111-14-8 | 91 |
| 2 | Heptanoic acid | 130 | C7H14O2 | 000111-14-8 | 90 |
| 3 | Heptanoic acid | 130 | C7H14O2 | 000111-14-8 | 90 |
| 4 | Heptanoic acid | 130 | C7H14O2 | 000111-14-8 | 78 |
| 5 | Hexanoic acid | 116 | C6H12O2 | 000142-62-1 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007603.D
Acq On : 22 Oct 2021 23:10
Operator : CG/JU
Sample : M4281-05DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFY61DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

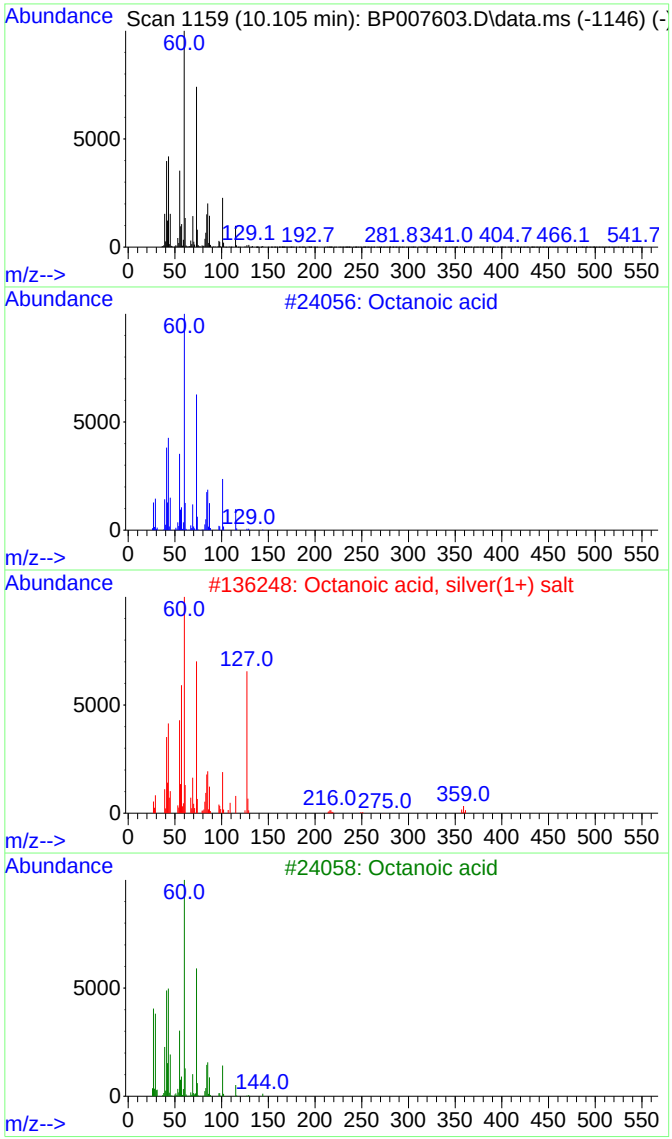
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

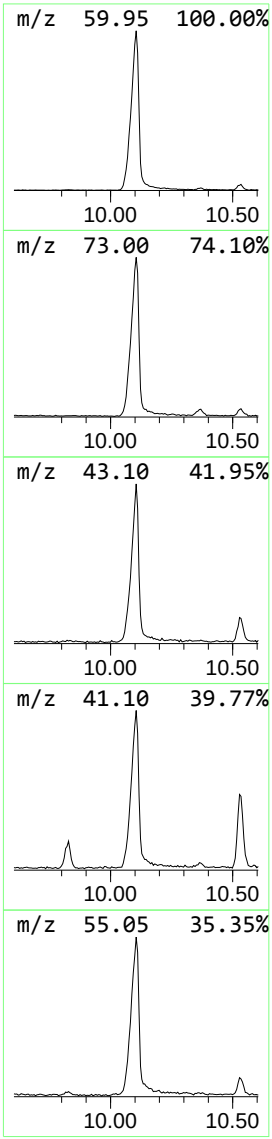
**********

Peak Number 8 Octanoic acid Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.105 | 10.31 ng/ul | 889458 | Naphthalene-d8 | 10.752 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octanoic acid | 144 | C8H16O2 | 000124-07-2 | 97 |
| 2 | Octanoic acid, silver(1+) salt | 250 | C8H15AgO2 | 024927-67-1 | 87 |
| 3 | Octanoic acid | 144 | C8H16O2 | 000124-07-2 | 83 |
| 4 | Octanoic acid | 144 | C8H16O2 | 000124-07-2 | 72 |
| 5 | Hexanoic acid | 116 | C6H12O2 | 000142-62-1 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007603.D
Acq On : 22 Oct 2021 23:10
Operator : CG/JU
Sample : M4281-05DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFY61DL

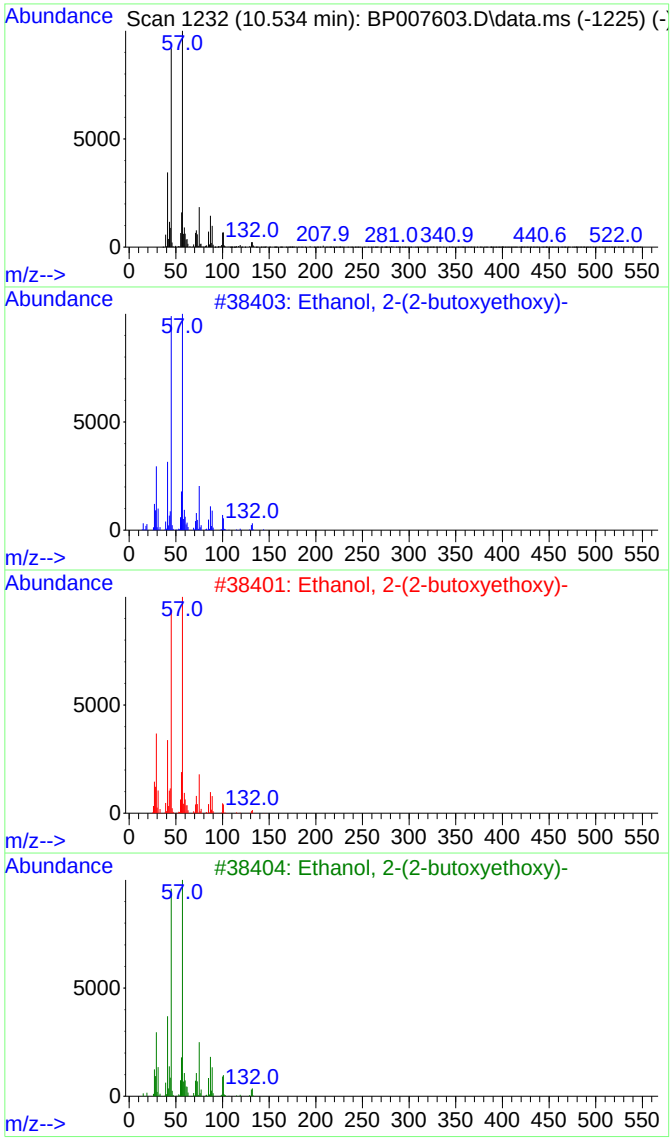
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

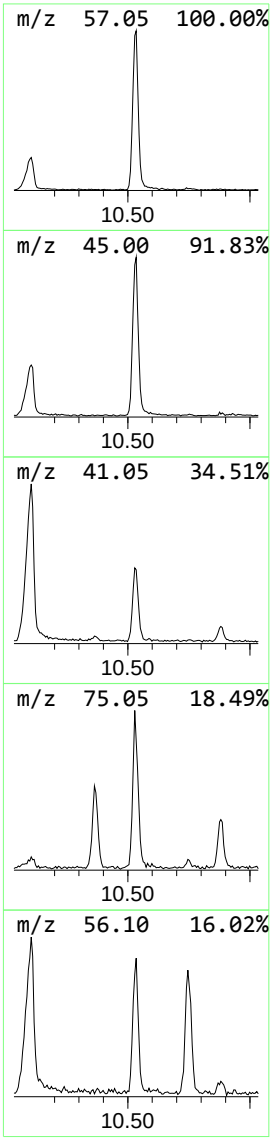
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.534 | 3.04 ng/ul | 262651 | Naphthalene-d8 | 10.752 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90 |
| 2 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90 |
| 3 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 86 |
| 4 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 86 |
| 5 | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007603.D
Acq On : 22 Oct 2021 23:10
Operator : CG/JU
Sample : M4281-05DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFY61DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

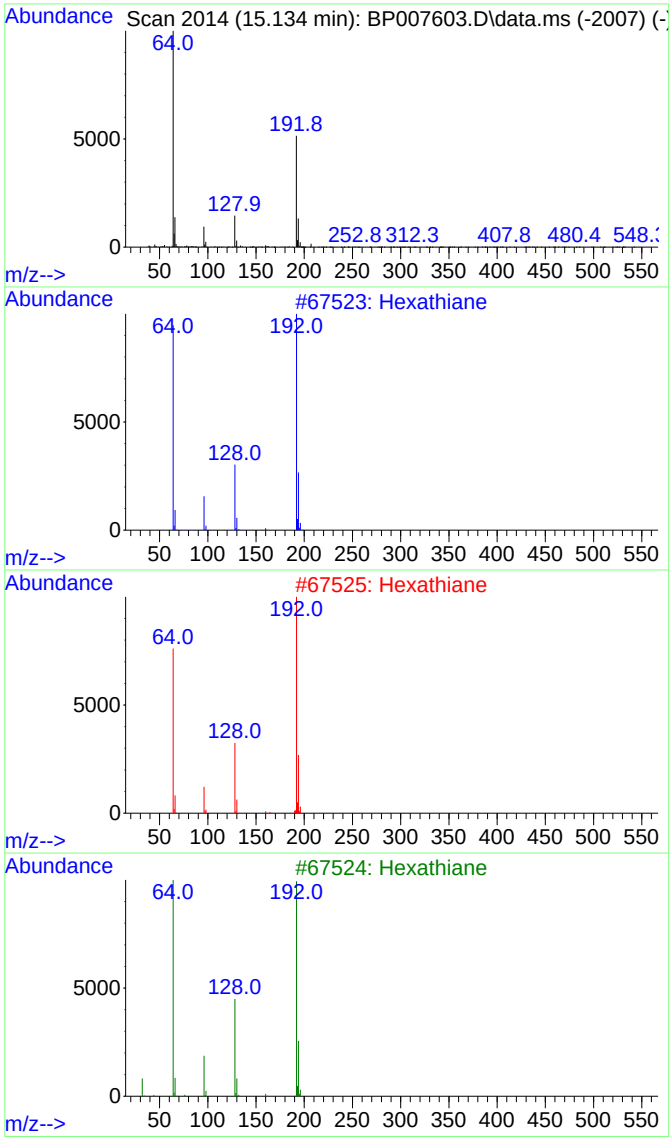
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

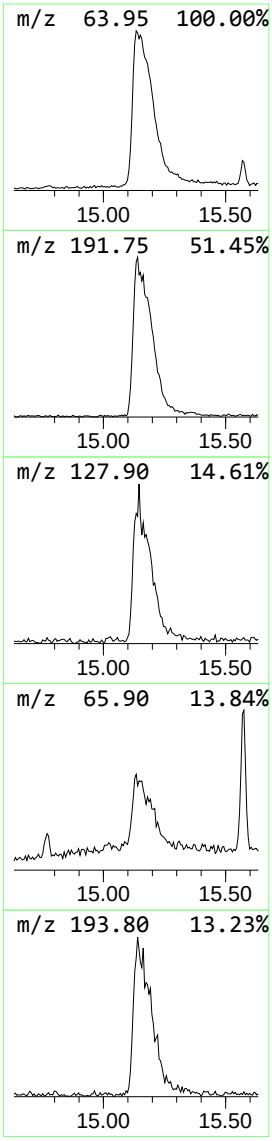
**********

Peak Number 10 Hexathiane Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.134 | 3.29 ng/ul | 400114 | Acenaphthene-d10 | 14.581 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexathiane | 192 | S6 | 013798-23-7 | 91 |
| 2 | Hexathiane | 192 | S6 | 013798-23-7 | 91 |
| 3 | Hexathiane | 192 | S6 | 013798-23-7 | 91 |
| 4 | Cyclic octaatomic sulfur | 256 | S8 | 010544-50-0 | 56 |
| 5 | Cyclobutane, 1,1'-(1,1,2,2-tetra... | 386 | C10H6Cl2F10 | 035208-02-7 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007603.D
Acq On : 22 Oct 2021 23:10
Operator : CG/JU
Sample : M4281-05DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFY61DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

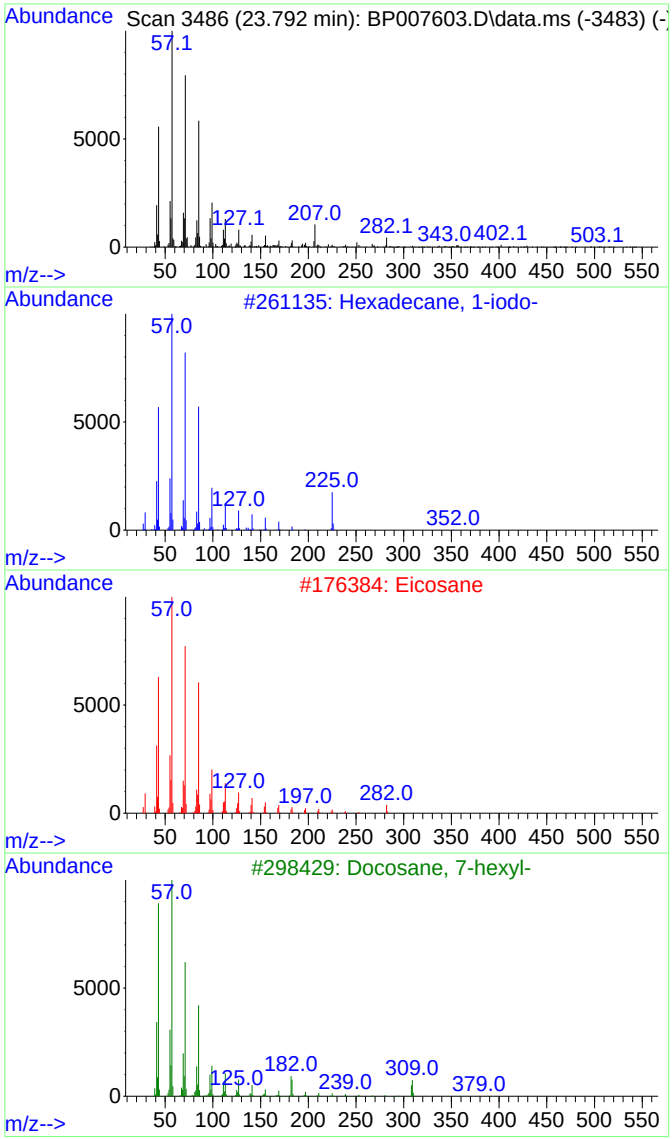
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

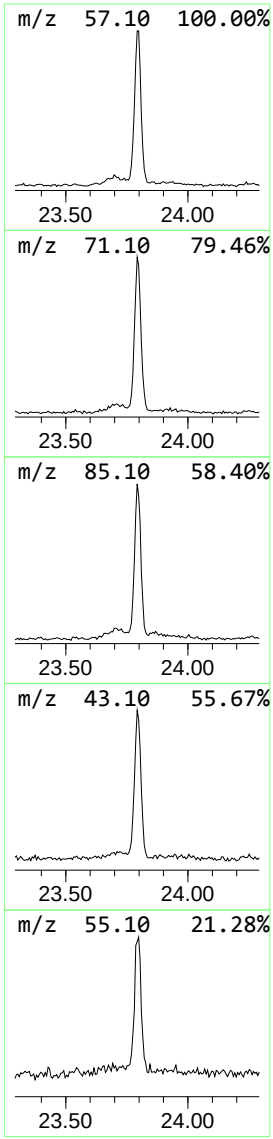
**********

Peak Number 11 Hexadecane, 1-iodo- Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.792 | 2.02 ng/ul | 360310 | Perylene-d12 | 23.863 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane, 1-iodo- | 352 | C16H33I | 000544-77-4 | 96 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 93 |
| 3 | Docosane, 7-hexyl- | 394 | C28H58 | 055373-86-9 | 93 |
| 4 | 11-Methylpentacosane | 366 | C26H54 | 015689-71-1 | 93 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102121\
Data File : BP007603.D
Acq On : 22 Oct 2021 23:10
Operator : CG/JU
Sample : M4281-05DL 5X
Misc :
ALS Vial : 63 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** BFY61DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Butanoic acid | 4.052 | 10.2 | ng/ul | 595318 | 1 | 7.946 | 1163320 | 20.0 |
| Butanoic acid, ... | 4.817 | 4.4 | ng/ul | 254426 | 1 | 7.946 | 1163320 | 20.0 |
| Butanoic acid, ... | 5.017 | 16.3 | ng/ul | 946336 | 1 | 7.946 | 1163320 | 20.0 |
| Pentanoic acid | 5.517 | 31.8 | ng/ul | 1848490 | 1 | 7.946 | 1163320 | 20.0 |
| Pentanoic acid,... | 6.405 | 17.8 | ng/ul | 1037680 | 1 | 7.946 | 1163320 | 20.0 |
| Hexanoic acid | 7.034 | 25.5 | ng/ul | 1481470 | 1 | 7.946 | 1163320 | 20.0 |
| Heptanoic acid | 8.563 | 10.9 | ng/ul | 634435 | 1 | 7.946 | 1163320 | 20.0 |
| Octanoic acid | 10.105 | 10.3 | ng/ul | 889458 | 2 | 10.752 | 1725210 | 20.0 |
| Ethanol, 2-(2-b... | 10.534 | 3.0 | ng/ul | 262651 | 2 | 10.752 | 1725210 | 20.0 |
| Hexathiane | 15.134 | 3.3 | ng/ul | 400114 | 3 | 14.581 | 2435960 | 20.0 |
| Hexadecane, 1-i... | 23.792 | 2.0 | ng/ul | 360310 | 6 | 23.863 | 3564790 | 20.0 |