LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020077.D
Acq On : 22 Apr 2024 15:12
Operator : MA/JU
Sample : P2104-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AC5

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-BP041924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020077.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.228 | 21 | 24 | 30 | rVB2 | 18580 | 28489 | 1.26% | 0.109% |
| 2 | 3.499 | 67 | 70 | 87 | rVB | 41302 | 76516 | 3.39% | 0.292% |
| 3 | 3.634 | 89 | 93 | 115 | rVB | 202207 | 348794 | 15.47% | 1.331% |
| 4 | 3.828 | 124 | 126 | 128 | rBV3 | 2643 | 2287 | 0.10% | 0.009% |
| 5 | 3.928 | 140 | 143 | 151 | rVB4 | 6440 | 9787 | 0.43% | 0.037% |
| 6 | 5.675 | 435 | 440 | 441 | rBV5 | 1797 | 2375 | 0.11% | 0.009% |
| 7 | 6.693 | 610 | 613 | 620 | rBV9 | 2982 | 7348 | 0.33% | 0.028% |
| 8 | 6.828 | 629 | 636 | 653 | rBV | 302261 | 566627 | 25.12% | 2.162% |
| 9 | 6.993 | 658 | 664 | 674 | rVV | 227385 | 384931 | 17.07% | 1.469% |
| 10 | 7.093 | 679 | 681 | 685 | rVV4 | 2324 | 2445 | 0.11% | 0.009% |
| 11 | 7.181 | 689 | 696 | 712 | rVV | 291244 | 525267 | 23.29% | 2.004% |
| 12 | 7.334 | 716 | 722 | 726 | rVV9 | 3240 | 7798 | 0.35% | 0.030% |
| 13 | 7.640 | 767 | 774 | 785 | rBV | 353990 | 607661 | 26.94% | 2.318% |
| 14 | 8.258 | 874 | 879 | 881 | rBV6 | 1965 | 2853 | 0.13% | 0.011% |
| 15 | 8.346 | 887 | 894 | 909 | rBV | 342074 | 686738 | 30.45% | 2.620% |
| 16 | 8.799 | 964 | 971 | 985 | rBV | 282161 | 533476 | 23.65% | 2.035% |
| 17 | 9.152 | 1026 | 1031 | 1038 | rVB2 | 6902 | 13055 | 0.58% | 0.050% |
| 18 | 9.375 | 1064 | 1069 | 1074 | rBV7 | 6066 | 10721 | 0.48% | 0.041% |
| 19 | 9.510 | 1084 | 1092 | 1104 | rBV | 259442 | 475466 | 21.08% | 1.814% |
| 20 | 9.957 | 1163 | 1168 | 1172 | rBV7 | 3943 | 7111 | 0.32% | 0.027% |
| 21 | 10.052 | 1176 | 1184 | 1202 | rBV | 338667 | 708559 | 31.42% | 2.703% |
| 22 | 10.252 | 1213 | 1218 | 1219 | rBV5 | 3488 | 4508 | 0.20% | 0.017% |
| 23 | 10.416 | 1239 | 1246 | 1257 | rBV | 451769 | 816997 | 36.23% | 3.117% |
| 24 | 10.575 | 1264 | 1273 | 1293 | rBV | 333680 | 702765 | 31.16% | 2.681% |
| 25 | 11.199 | 1372 | 1379 | 1394 | rBV2 | 17046 | 53380 | 2.37% | 0.204% |
| 26 | 11.846 | 1483 | 1489 | 1495 | rVB2 | 2268 | 4074 | 0.18% | 0.016% |
| 27 | 12.040 | 1513 | 1522 | 1531 | rVB6 | 4980 | 11327 | 0.50% | 0.043% |
| 28 | 12.904 | 1664 | 1669 | 1672 | rBV6 | 2583 | 4936 | 0.22% | 0.019% |
| 29 | 13.122 | 1702 | 1706 | 1712 | rVB8 | 3618 | 6647 | 0.29% | 0.025% |
| 30 | 13.198 | 1714 | 1719 | 1725 | rVV4 | 9544 | 18150 | 0.80% | 0.069% |
| 31 | 13.281 | 1727 | 1733 | 1739 | rVB4 | 2562 | 4071 | 0.18% | 0.016% |
| 32 | 13.740 | 1803 | 1811 | 1823 | rBV | 717913 | 1091048 | 48.38% | 4.163% |
| 33 | 14.010 | 1847 | 1857 | 1869 | rBV | 802038 | 1300600 | 57.67% | 4.962% |
| 34 | 14.228 | 1892 | 1894 | 1900 | rVB7 | 2146 | 3034 | 0.13% | 0.012% |
| 35 | 14.328 | 1903 | 1911 | 1921 | rBV | 717168 | 1113806 | 49.39% | 4.249% |
| 36 | 14.545 | 1939 | 1948 | 1949 | rBV | 45325 | 58659 | 2.60% | 0.224% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020077.D
Acq On : 22 Apr 2024 15:12
Operator : MA/JU
Sample : P2104-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** C0AC5

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-BP041924.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 14.592 | 1949 | 1956 | 1973 | rVB2 | 169761 | 501770 | 22.25% | 1.914% |
| 38 | 14.775 | 1983 | 1987 | 1994 | rVB8 | 11324 | 22666 | 1.01% | 0.086% |
| 39 | 15.151 | 2049 | 2051 | 2055 | rVB4 | 2542 | 2785 | 0.12% | 0.011% |
| 40 | 15.216 | 2058 | 2062 | 2067 | rVB7 | 2833 | 4850 | 0.22% | 0.019% |
| 41 | 15.357 | 2079 | 2086 | 2102 | rBV | 1063041 | 1638490 | 72.65% | 6.251% |
| 42 | 15.504 | 2105 | 2111 | 2124 | rVV | 172895 | 315707 | 14.00% | 1.205% |
| 43 | 15.604 | 2124 | 2128 | 2137 | rVB | 7273 | 15347 | 0.68% | 0.059% |
| 44 | 15.792 | 2158 | 2160 | 2164 | rVB5 | 1805 | 2529 | 0.11% | 0.010% |
| 45 | 15.945 | 2179 | 2186 | 2192 | rBV7 | 8235 | 16003 | 0.71% | 0.061% |
| 46 | 16.110 | 2211 | 2214 | 2217 | rBV4 | 5504 | 6668 | 0.30% | 0.025% |
| 47 | 16.298 | 2240 | 2246 | 2250 | rBV8 | 3715 | 8343 | 0.37% | 0.032% |
| 48 | 16.575 | 2289 | 2293 | 2298 | rBV8 | 5316 | 8800 | 0.39% | 0.034% |
| 49 | 16.710 | 2310 | 2316 | 2319 | rBV6 | 5196 | 9647 | 0.43% | 0.037% |
| 50 | 16.939 | 2350 | 2355 | 2357 | rBV4 | 7262 | 9090 | 0.40% | 0.035% |
| 51 | 17.116 | 2380 | 2385 | 2388 | rBV6 | 8557 | 11238 | 0.50% | 0.043% |
| 52 | 17.175 | 2388 | 2395 | 2406 | rVB | 805130 | 1394025 | 61.81% | 5.319% |
| 53 | 17.286 | 2407 | 2414 | 2424 | rVV | 1172583 | 1829803 | 81.13% | 6.981% |
| 54 | 17.404 | 2427 | 2434 | 2440 | rBV | 6104 | 17246 | 0.76% | 0.066% |
| 55 | 17.510 | 2447 | 2452 | 2454 | rBV6 | 9034 | 15738 | 0.70% | 0.060% |
| 56 | 17.598 | 2465 | 2467 | 2475 | rVB9 | 9108 | 14964 | 0.66% | 0.057% |
| 57 | 17.722 | 2486 | 2488 | 2493 | rVB5 | 5381 | 5887 | 0.26% | 0.022% |
| 58 | 17.904 | 2514 | 2519 | 2523 | rBV | 28178 | 39074 | 1.73% | 0.149% |
| 59 | 18.004 | 2533 | 2536 | 2539 | rBV5 | 3565 | 4934 | 0.22% | 0.019% |
| 60 | 18.145 | 2554 | 2560 | 2570 | rBV | 309825 | 481900 | 21.37% | 1.839% |
| 61 | 18.451 | 2608 | 2612 | 2614 | rBV5 | 12188 | 17692 | 0.78% | 0.067% |
| 62 | 19.045 | 2709 | 2713 | 2719 | rBV9 | 14055 | 23128 | 1.03% | 0.088% |
| 63 | 19.228 | 2741 | 2744 | 2749 | rBV4 | 16003 | 24710 | 1.10% | 0.094% |
| 64 | 19.328 | 2758 | 2761 | 2763 | rBV2 | 17717 | 17676 | 0.78% | 0.067% |
| 65 | 19.492 | 2783 | 2789 | 2797 | rBV2 | 115001 | 225697 | 10.01% | 0.861% |
| 66 | 19.680 | 2813 | 2821 | 2832 | rVB | 1546726 | 2255277 | 100.00% | 8.604% |
| 67 | 20.292 | 2922 | 2925 | 2928 | rVB | 37679 | 41282 | 1.83% | 0.158% |
| 68 | 20.692 | 2986 | 2993 | 3009 | rBV | 1331553 | 1764316 | 78.23% | 6.731% |
| 69 | 21.357 | 3102 | 3106 | 3114 | rVB | 252871 | 384369 | 17.04% | 1.466% |
| 70 | 21.680 | 3155 | 3161 | 3172 | rBV | 939906 | 1431896 | 63.49% | 5.463% |
| 71 | 24.851 | 3692 | 3700 | 3714 | rVB2 | 720311 | 2038096 | 90.37% | 7.776% |
| 72 | 25.080 | 3731 | 3739 | 3750 | rVB | 525254 | 1406596 | 62.37% | 5.367% |

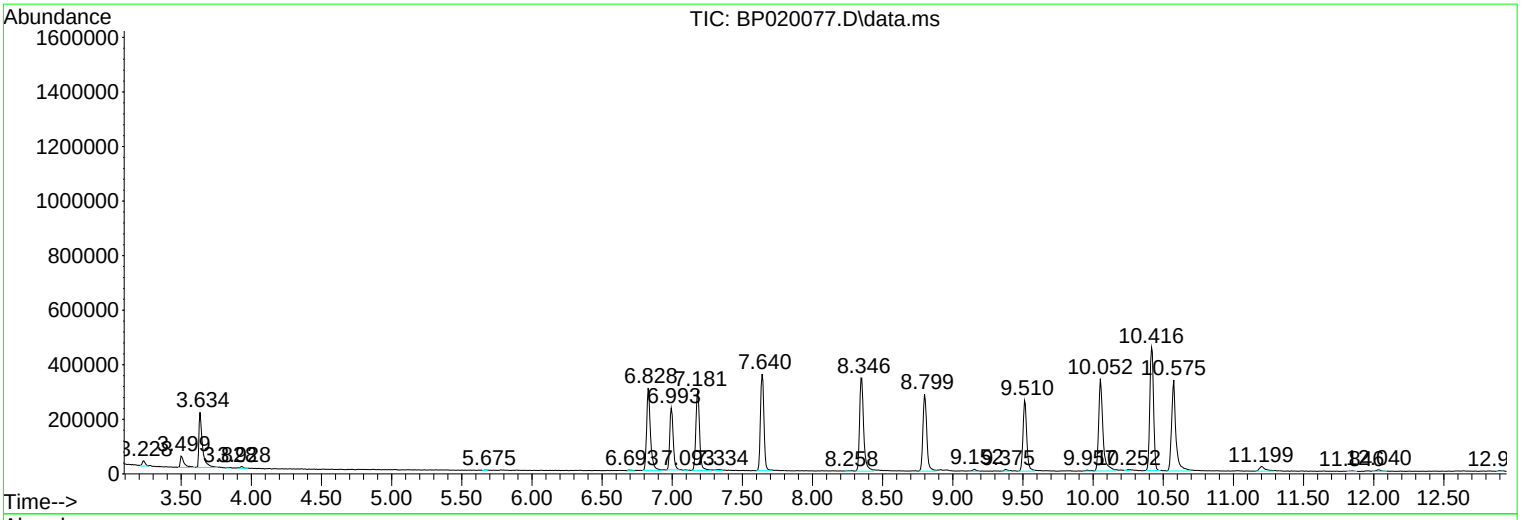
Sum of corrected areas: 26210545

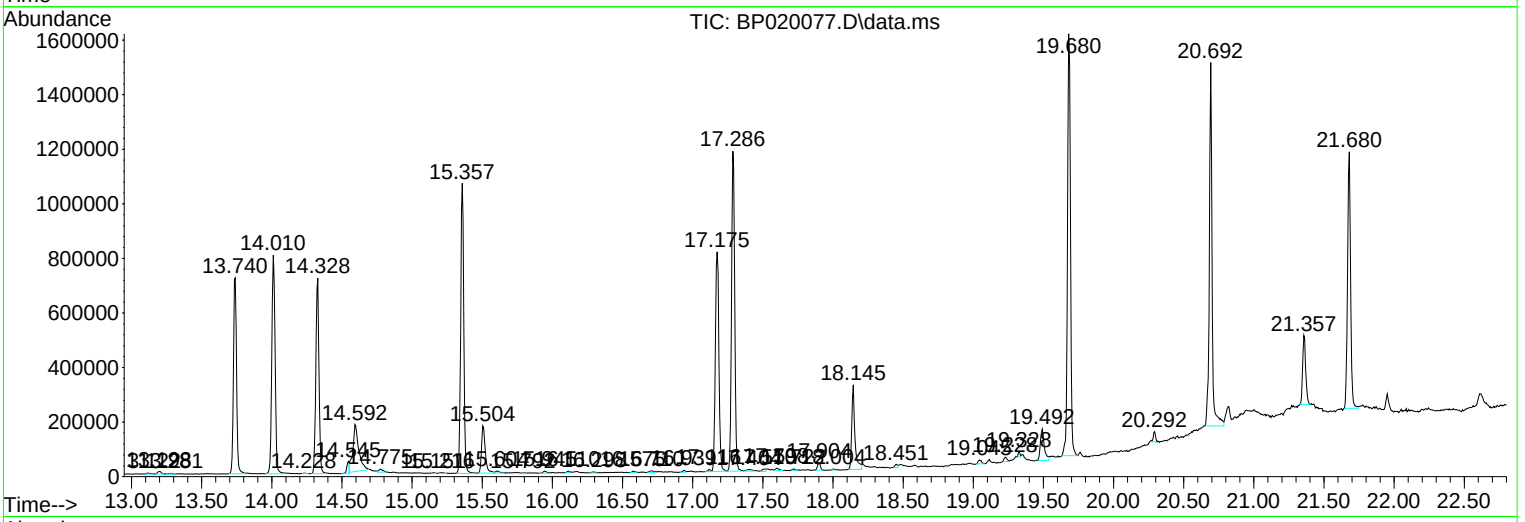
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020077.D
Acq On : 22 Apr 2024 15:12
Operator : MA/JU
Sample : P2104-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

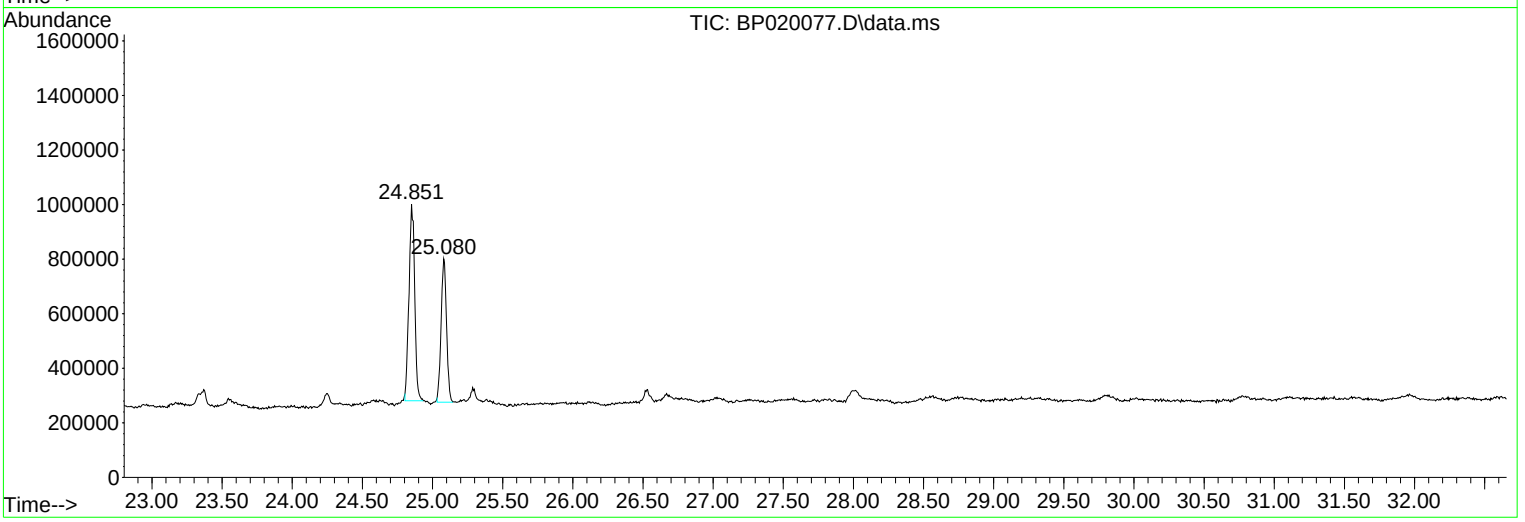
**Instrument :**
BNA_P
**ClientSampleId :**
C0AC5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020077.D
Acq On : 22 Apr 2024 15:12
Operator : MA/JU
Sample : P2104-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AC5

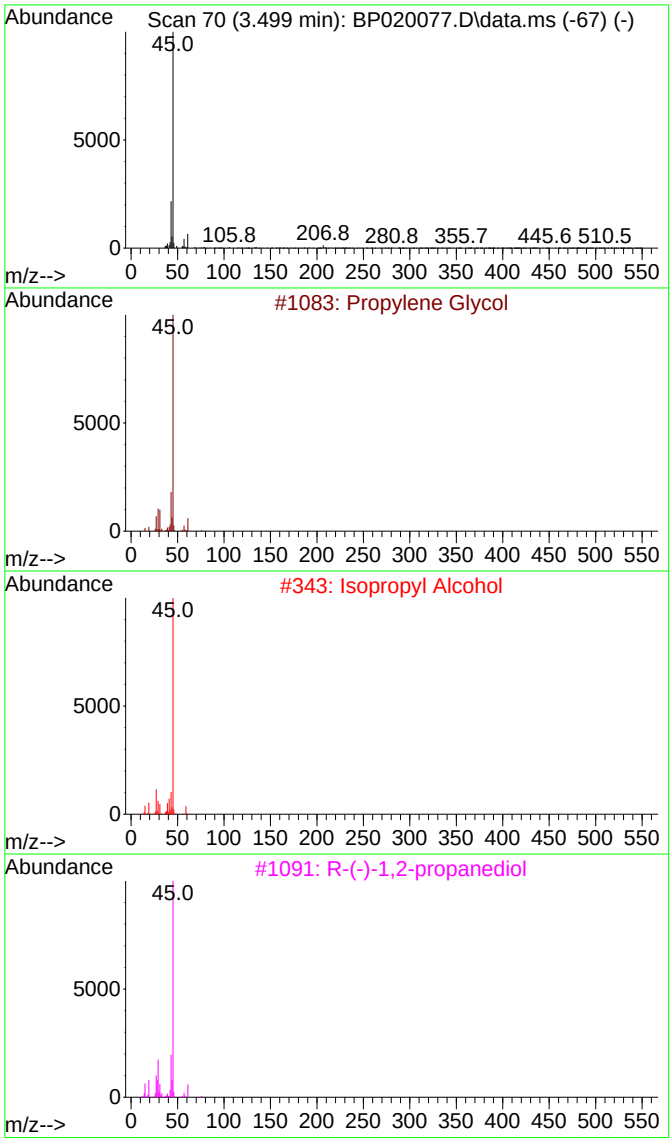
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

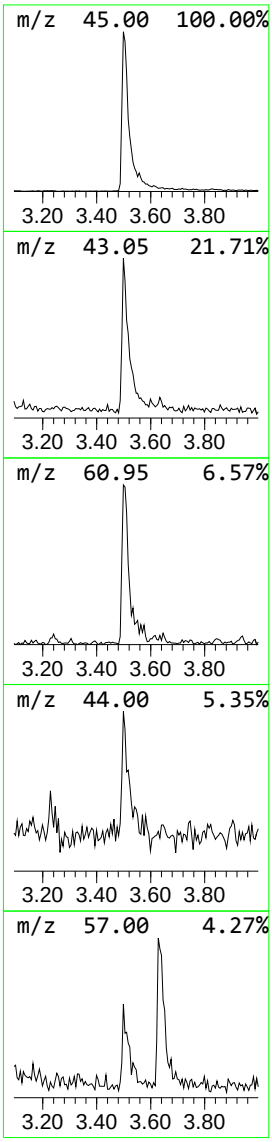
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Propylene Glycol Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.499 | 2.52 ng/ul | 76516 | 1,4-Dichlorobenzene-d4 | 7.640 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propylene Glycol | 76 | C3H8O2 | 000057-55-6 | 72 |
| 2 | Isopropyl Alcohol | 60 | C3H8O | 000067-63-0 | 50 |
| 3 | R-(-)-1,2-propanediol | 76 | C3H8O2 | 004254-14-2 | 9 |
| 4 | (S)-Isopropyl lactate | 132 | C6H12O3 | 063697-00-7 | 9 |
| 5 | Propylene Glycol | 76 | C3H8O2 | 000057-55-6 | 9 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020077.D
Acq On : 22 Apr 2024 15:12
Operator : MA/JU
Sample : P2104-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AC5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

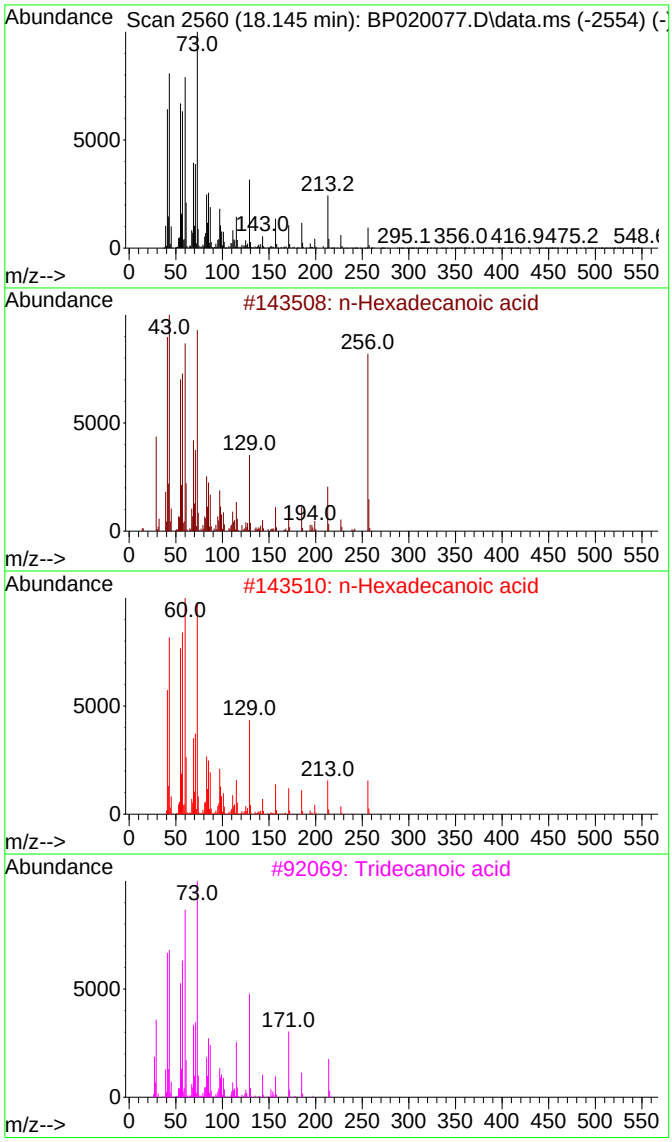
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

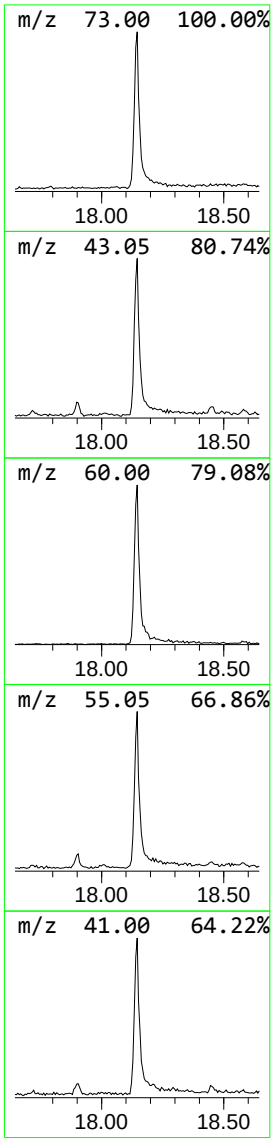
**********

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.145 | 6.91 ng/ul | 481900 | Phenanthrene-d10 | 17.175 |

| 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 | 96 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 93 |
| 5 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020077.D
Acq On : 22 Apr 2024 15:12
Operator : MA/JU
Sample : P2104-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AC5

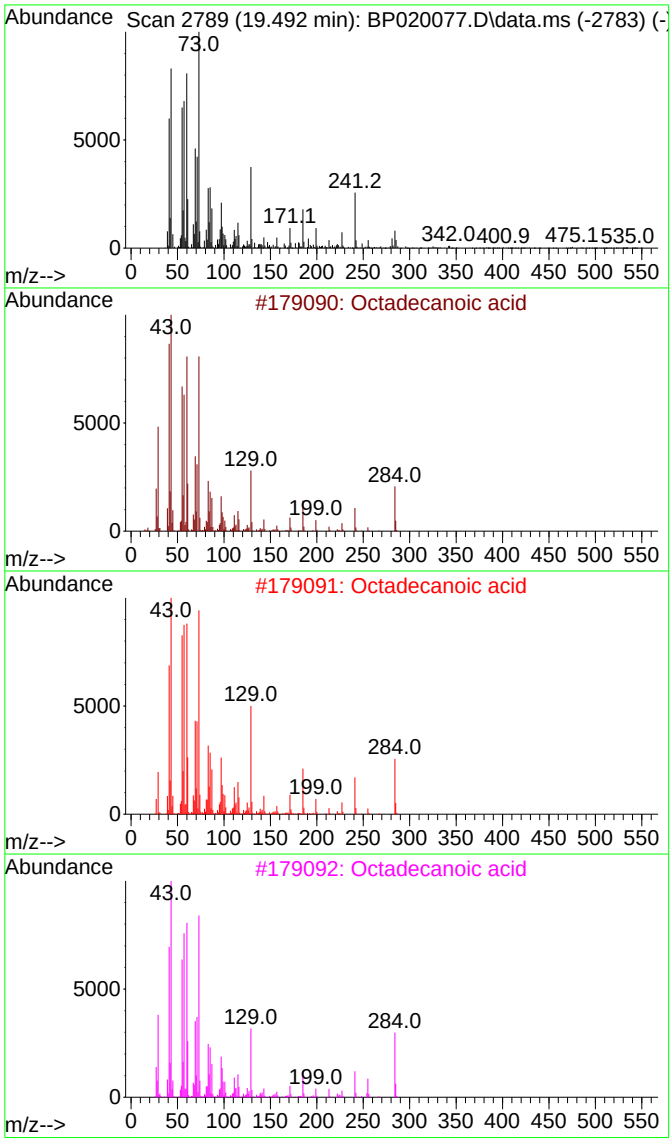
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

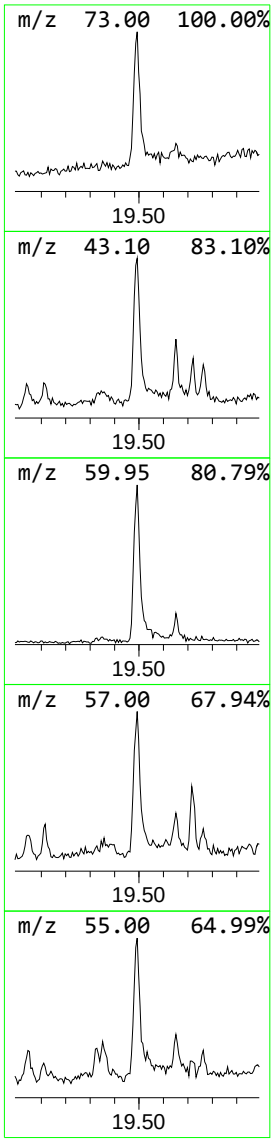
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Octadecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.492 | 3.15 ng/ul | 225697 | Chrysene-d12 | 21.680 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 98 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 92 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 91 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 90 |
| 5 | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020077.D
Acq On : 22 Apr 2024 15:12
Operator : MA/JU
Sample : P2104-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AC5

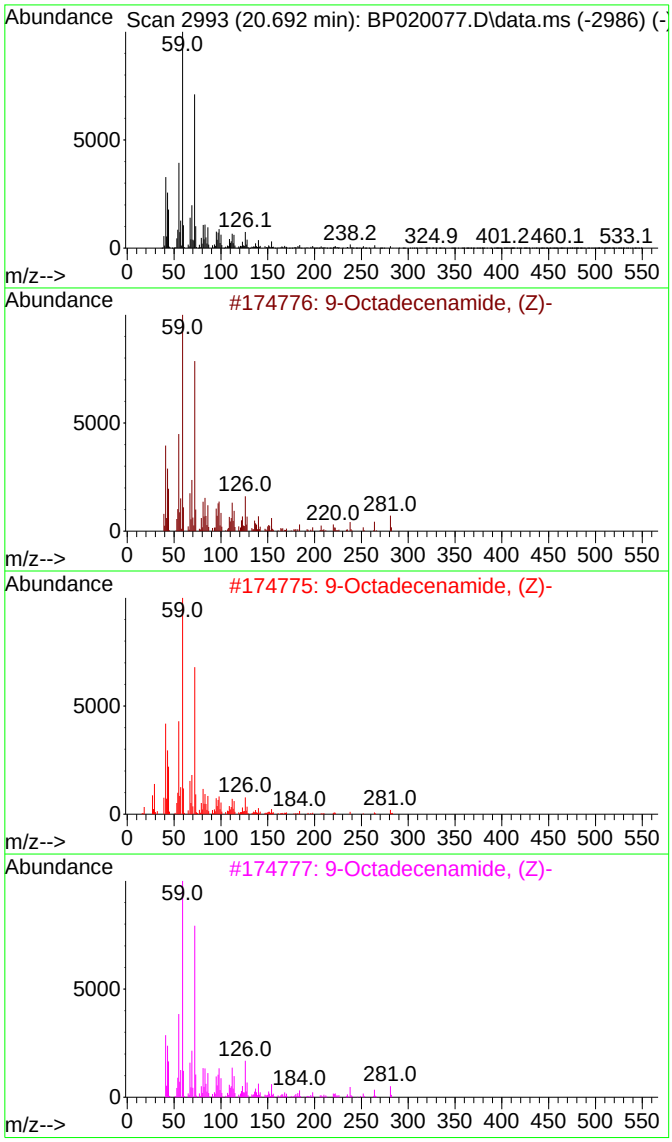
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

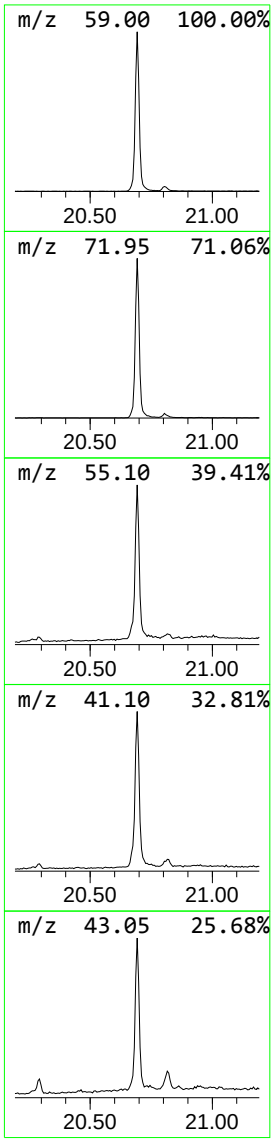
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 9-Octadecenamide, (Z)- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.692 | 24.64 ng/ul | 1764320 | Chrysene-d12 | 21.680 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 93 |
| 2 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 91 |
| 3 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 91 |
| 4 | Hexadecanamide | 255 | C16H33NO | 000629-54-9 | 78 |
| 5 | Octanamide | 143 | C8H17NO | 000629-01-6 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020077.D
Acq On : 22 Apr 2024 15:12
Operator : MA/JU
Sample : P2104-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AC5

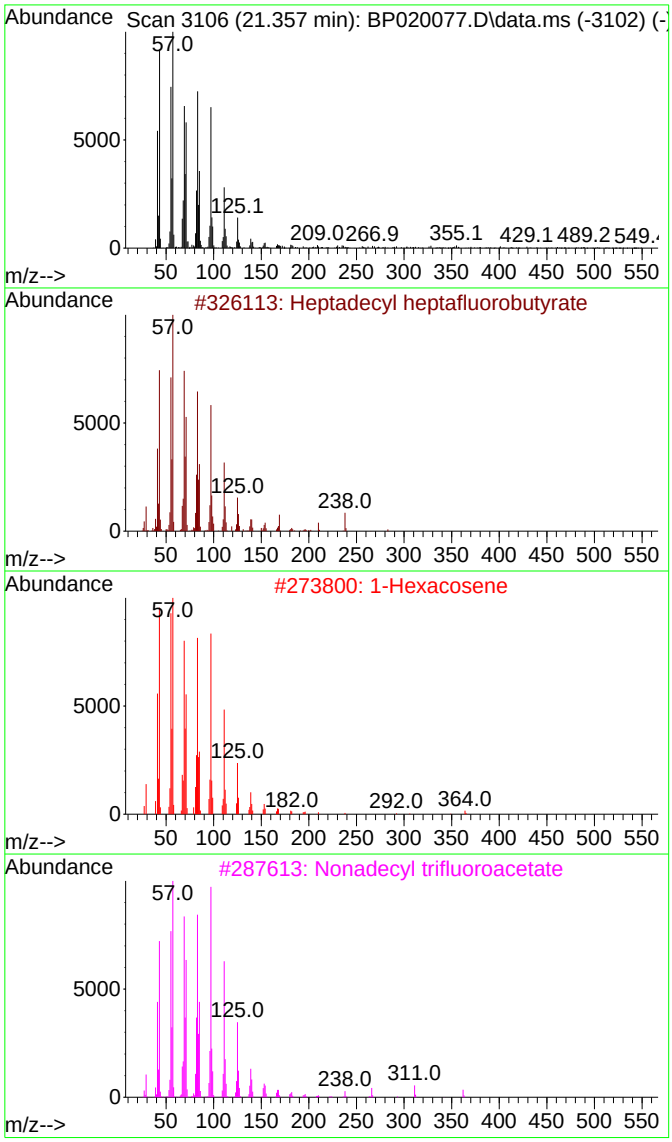
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

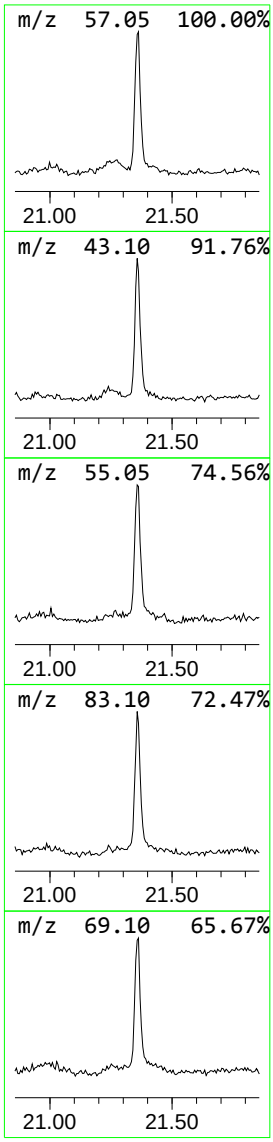
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Heptadecyl heptafluorobutyrate Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.357 | 5.37 ng/ul | 384369 | Chrysene-d12 | 21.680 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptadecyl heptafluorobutyrate | 452 | C21H35F7O2 | 959085-66-6 | 94 |
| 2 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 94 |
| 3 | Nonadecyl trifluoroacetate | 380 | C21H39F3O2 | 1000351-76-3 | 91 |
| 4 | Nonadecyl pentafluoropropionate | 430 | C22H39F5O2 | 1000351-88-8 | 91 |
| 5 | 17-Pentatriacontene | 491 | C35H70 | 006971-40-0 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020077.D
Acq On : 22 Apr 2024 15:12
Operator : MA/JU
Sample : P2104-14
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0AC5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.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 |
| Propylene Glycol | 3.499 | 2.5 | ng/ul | 76516 | 1 | 7.640 | 607661 | 20.0 |
| n-Hexadecanoic ... | 18.145 | 6.9 | ng/ul | 481900 | 4 | 17.175 | 1394030 | 20.0 |
| Octadecanoic acid | 19.492 | 3.1 | ng/ul | 225697 | 5 | 21.680 | 1431900 | 20.0 |
| 9-Octadecenamid... | 20.692 | 24.6 | ng/ul | 1764320 | 5 | 21.680 | 1431900 | 20.0 |
| Heptadecyl hept... | 21.357 | 5.4 | ng/ul | 384369 | 5 | 21.680 | 1431900 | 20.0 |