LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007499.D
Acq On : 19 Oct 2021 18:12
Operator : CG/JU
Sample : M4196-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** JDGA2

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: BP007499.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 | 25 | rVB | 44617 | 60088 | 1.43% | 0.128% |
| 2 | 3.652 | 59 | 62 | 67 | rBV | 10740 | 15021 | 0.36% | 0.032% |
| 3 | 3.799 | 84 | 87 | 100 | rBV | 196477 | 313400 | 7.44% | 0.666% |
| 4 | 4.040 | 125 | 128 | 133 | rVB | 13101 | 17224 | 0.41% | 0.037% |
| 5 | 4.134 | 140 | 144 | 149 | rVB2 | 10678 | 14743 | 0.35% | 0.031% |
| 6 | 4.228 | 155 | 160 | 164 | rBV7 | 7300 | 12709 | 0.30% | 0.027% |
| 7 | 4.458 | 197 | 199 | 203 | rVB5 | 4773 | 5495 | 0.13% | 0.012% |
| 8 | 4.511 | 203 | 208 | 213 | rBV9 | 3922 | 8224 | 0.20% | 0.017% |
| 9 | 5.058 | 296 | 301 | 310 | rVB3 | 15560 | 24487 | 0.58% | 0.052% |
| 10 | 5.652 | 398 | 402 | 406 | rVB7 | 3754 | 5997 | 0.14% | 0.013% |
| 11 | 6.040 | 465 | 468 | 472 | rVB4 | 4905 | 5938 | 0.14% | 0.013% |
| 12 | 6.328 | 515 | 517 | 524 | rVB6 | 6235 | 8259 | 0.20% | 0.018% |
| 13 | 6.940 | 617 | 621 | 623 | rBV3 | 4293 | 5368 | 0.13% | 0.011% |
| 14 | 7.111 | 643 | 650 | 659 | rBV | 720890 | 1140053 | 27.07% | 2.424% |
| 15 | 7.281 | 672 | 679 | 688 | rVB | 569266 | 882590 | 20.96% | 1.877% |
| 16 | 7.481 | 705 | 713 | 723 | rBV | 709634 | 1144565 | 27.18% | 2.434% |
| 17 | 7.558 | 723 | 726 | 730 | rVV3 | 8403 | 13274 | 0.32% | 0.028% |
| 18 | 7.958 | 786 | 794 | 801 | rBV | 639593 | 1028895 | 24.43% | 2.188% |
| 19 | 8.028 | 801 | 806 | 811 | rVB5 | 5761 | 9724 | 0.23% | 0.021% |
| 20 | 8.658 | 906 | 913 | 923 | rBV | 899035 | 1415858 | 33.62% | 3.010% |
| 21 | 9.111 | 980 | 990 | 1001 | rBV | 649086 | 1055314 | 25.06% | 2.244% |
| 22 | 9.287 | 1016 | 1020 | 1024 | rVB7 | 7024 | 8617 | 0.20% | 0.018% |
| 23 | 9.581 | 1066 | 1070 | 1075 | rVB5 | 7452 | 10744 | 0.26% | 0.023% |
| 24 | 9.834 | 1106 | 1113 | 1123 | rBV | 491767 | 801911 | 19.04% | 1.705% |
| 25 | 10.375 | 1198 | 1205 | 1217 | rBV | 851535 | 1424178 | 33.82% | 3.028% |
| 26 | 10.540 | 1227 | 1233 | 1248 | rBV | 430466 | 674216 | 16.01% | 1.433% |
| 27 | 10.763 | 1262 | 1271 | 1280 | rVB | 834242 | 1448691 | 34.40% | 3.080% |
| 28 | 10.887 | 1282 | 1292 | 1302 | rBV | 798767 | 1367613 | 32.48% | 2.908% |
| 29 | 11.558 | 1403 | 1406 | 1407 | rBV3 | 3657 | 4399 | 0.10% | 0.009% |
| 30 | 12.281 | 1523 | 1529 | 1534 | rBV5 | 10266 | 17491 | 0.42% | 0.037% |
| 31 | 12.346 | 1534 | 1540 | 1549 | rVB2 | 18259 | 31653 | 0.75% | 0.067% |
| 32 | 12.563 | 1572 | 1577 | 1581 | rBV8 | 2985 | 5719 | 0.14% | 0.012% |
| 33 | 12.963 | 1641 | 1645 | 1650 | rBV6 | 6328 | 9444 | 0.22% | 0.020% |
| 34 | 13.099 | 1663 | 1668 | 1672 | rBV8 | 2651 | 5239 | 0.12% | 0.011% |
| 35 | 13.210 | 1681 | 1687 | 1691 | rBV3 | 10598 | 15756 | 0.37% | 0.033% |
| 36 | 13.499 | 1731 | 1736 | 1742 | rBV4 | 12653 | 20823 | 0.49% | 0.044% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007499.D
Acq On : 19 Oct 2021 18:12
Operator : CG/JU
Sample : M4196-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** JDGA2

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 | 13.563 | 1742 | 1747 | 1754 | rVB6 | 5850 | 10302 | 0.24% | 0.022% |
| 38 | 13.793 | 1782 | 1786 | 1791 | rBV7 | 10536 | 18320 | 0.44% | 0.039% |
| 39 | 13.999 | 1814 | 1821 | 1828 | rBV | 1449090 | 2009986 | 47.73% | 4.274% |
| 40 | 14.281 | 1860 | 1869 | 1878 | rBV | 1679802 | 2501687 | 59.41% | 5.319% |
| 41 | 14.510 | 1905 | 1908 | 1914 | rVB8 | 3636 | 5143 | 0.12% | 0.011% |
| 42 | 14.593 | 1914 | 1922 | 1929 | rBV | 1308802 | 1968195 | 46.74% | 4.185% |
| 43 | 14.769 | 1944 | 1952 | 1968 | rBV | 664926 | 987313 | 23.45% | 2.099% |
| 44 | 15.004 | 1985 | 1992 | 1998 | rBV | 9506 | 15396 | 0.37% | 0.033% |
| 45 | 15.240 | 2027 | 2032 | 2034 | rBV6 | 5312 | 6628 | 0.16% | 0.014% |
| 46 | 15.410 | 2054 | 2061 | 2065 | rBV3 | 9796 | 15633 | 0.37% | 0.033% |
| 47 | 15.457 | 2065 | 2069 | 2073 | rVV7 | 4176 | 5042 | 0.12% | 0.011% |
| 48 | 15.581 | 2083 | 2090 | 2101 | rBV | 2119456 | 3118076 | 74.05% | 6.630% |
| 49 | 15.693 | 2103 | 2109 | 2116 | rBV | 367043 | 504232 | 11.97% | 1.072% |
| 50 | 15.822 | 2126 | 2131 | 2137 | rVB2 | 27521 | 43229 | 1.03% | 0.092% |
| 51 | 15.957 | 2150 | 2154 | 2157 | rBV6 | 3060 | 4242 | 0.10% | 0.009% |
| 52 | 16.028 | 2161 | 2166 | 2173 | rBV6 | 15725 | 24997 | 0.59% | 0.053% |
| 53 | 16.140 | 2182 | 2185 | 2193 | rBV9 | 7187 | 14022 | 0.33% | 0.030% |
| 54 | 16.263 | 2199 | 2206 | 2213 | rBV9 | 7424 | 19763 | 0.47% | 0.042% |
| 55 | 16.375 | 2220 | 2225 | 2227 | rBV6 | 5808 | 8469 | 0.20% | 0.018% |
| 56 | 16.493 | 2239 | 2245 | 2250 | rVB8 | 8149 | 14769 | 0.35% | 0.031% |
| 57 | 16.593 | 2260 | 2262 | 2266 | rVB5 | 4924 | 4753 | 0.11% | 0.010% |
| 58 | 16.751 | 2285 | 2289 | 2293 | rVB7 | 7669 | 10559 | 0.25% | 0.022% |
| 59 | 16.951 | 2319 | 2323 | 2328 | rBV8 | 3269 | 5756 | 0.14% | 0.012% |
| 60 | 17.022 | 2331 | 2335 | 2337 | rBV5 | 4162 | 5054 | 0.12% | 0.011% |
| 61 | 17.122 | 2344 | 2352 | 2357 | rBV6 | 11353 | 22119 | 0.53% | 0.047% |
| 62 | 17.281 | 2376 | 2379 | 2382 | rBV5 | 3463 | 4489 | 0.11% | 0.010% |
| 63 | 17.340 | 2382 | 2389 | 2397 | rVV | 1626556 | 2427006 | 57.64% | 5.160% |
| 64 | 17.440 | 2400 | 2406 | 2417 | rVV | 2366456 | 3421415 | 81.25% | 7.274% |
| 65 | 17.534 | 2418 | 2422 | 2426 | rVV7 | 16878 | 29050 | 0.69% | 0.062% |
| 66 | 17.575 | 2426 | 2429 | 2436 | rVB5 | 12150 | 21467 | 0.51% | 0.046% |
| 67 | 18.028 | 2501 | 2506 | 2512 | rBV | 108372 | 129895 | 3.08% | 0.276% |
| 68 | 18.234 | 2536 | 2541 | 2550 | rBV | 163987 | 242960 | 5.77% | 0.517% |
| 69 | 18.410 | 2569 | 2571 | 2575 | rBV4 | 3886 | 4350 | 0.10% | 0.009% |
| 70 | 18.534 | 2590 | 2592 | 2595 | rBV4 | 4932 | 5025 | 0.12% | 0.011% |
| 71 | 19.157 | 2694 | 2698 | 2704 | rVB2 | 84927 | 96520 | 2.29% | 0.205% |
| 72 | 19.251 | 2710 | 2714 | 2717 | rBV3 | 32590 | 40336 | 0.96% | 0.086% |
| 73 | 19.287 | 2718 | 2720 | 2722 | rVV3 | 12228 | 13026 | 0.31% | 0.028% |
| 74 | 19.322 | 2722 | 2726 | 2729 | rVV | 44056 | 63707 | 1.51% | 0.135% |
| 75 | 19.357 | 2729 | 2732 | 2740 | rVB7 | 27946 | 56775 | 1.35% | 0.121% |
| 76 | 19.469 | 2747 | 2751 | 2756 | rBV | 82763 | 110118 | 2.62% | 0.234% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007499.D
Acq On : 19 Oct 2021 18:12
Operator : CG/JU
Sample : M4196-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** JDGA2

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 | 19.598 | 2770 | 2773 | 2775 | rBV3 | 21526 | 31009 | 0.74% | 0.066% |
| 78 | 19.675 | 2780 | 2786 | 2792 | rBV | 3075731 | 4210670 | 99.99% | 8.953% |
| 79 | 20.581 | 2936 | 2940 | 2946 | rBV | 128066 | 159928 | 3.80% | 0.340% |
| 80 | 21.145 | 3032 | 3036 | 3041 | rBV2 | 364977 | 493440 | 11.72% | 1.049% |
| 81 | 21.428 | 3079 | 3084 | 3093 | rBV | 2307105 | 2961387 | 70.33% | 6.296% |
| 82 | 22.575 | 3274 | 3279 | 3294 | rBV3 | 475734 | 875364 | 20.79% | 1.861% |
| 83 | 23.722 | 3467 | 3474 | 3485 | rVB2 | 2050848 | 4210915 | 100.00% | 8.953% |
| 84 | 23.880 | 3495 | 3501 | 3511 | rVB2 | 1464541 | 3046963 | 72.36% | 6.478% |

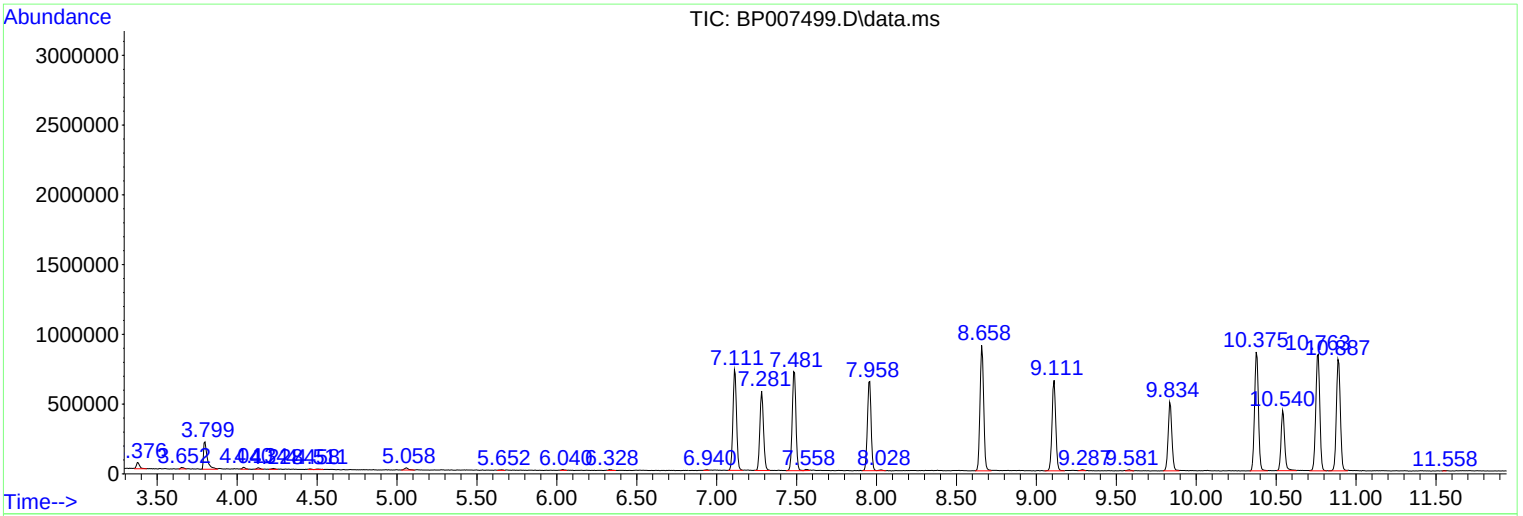
Sum of corrected areas: 47033220

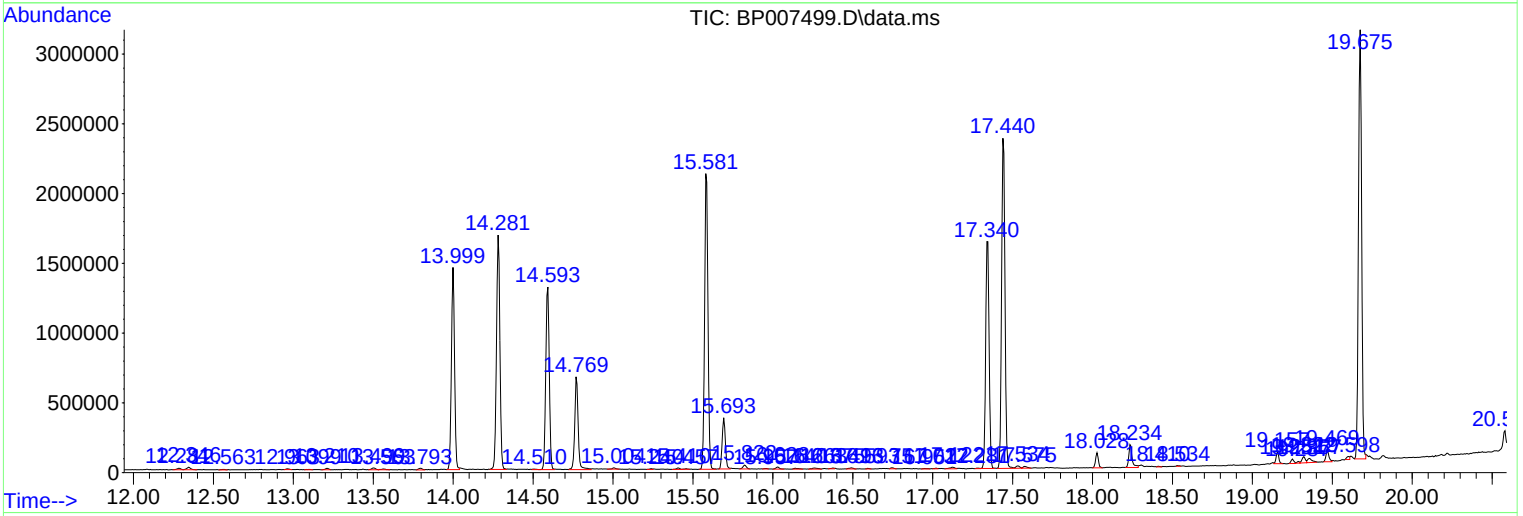
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007499.D
Acq On : 19 Oct 2021 18:12
Operator : CG/JU
Sample : M4196-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

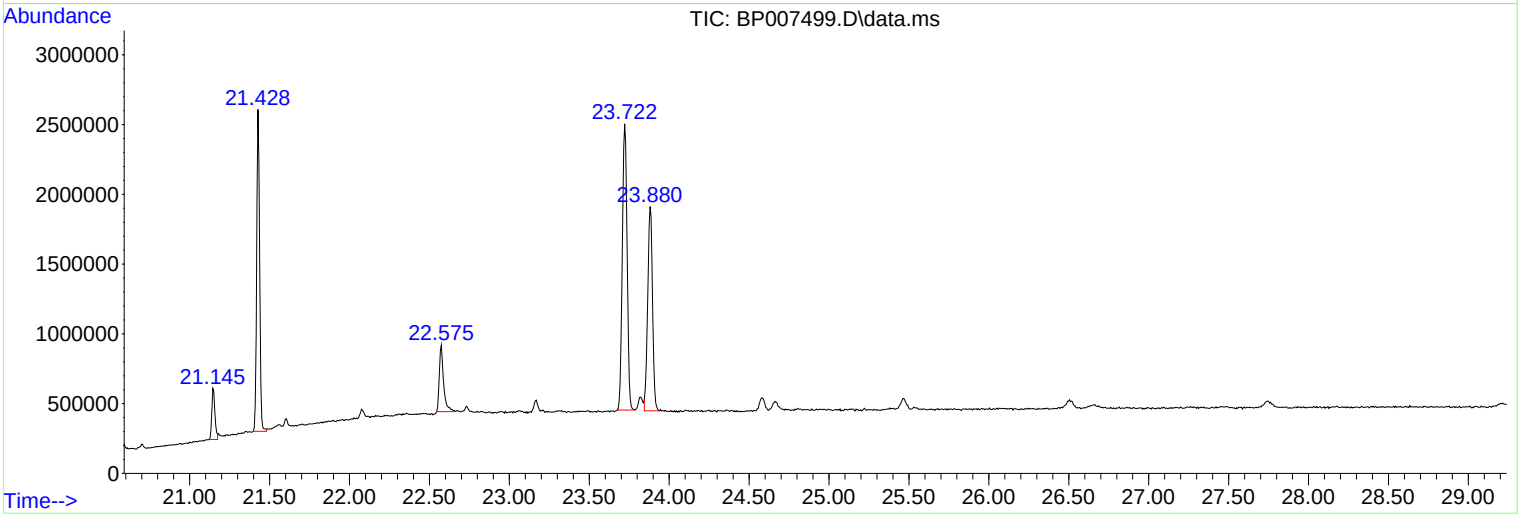
**Instrument :**
BNA_P
**ClientSampleId :**
JDGA2

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\BP101821\
Data File : BP007499.D
Acq On : 19 Oct 2021 18:12
Operator : CG/JU
Sample : M4196-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** JDGA2

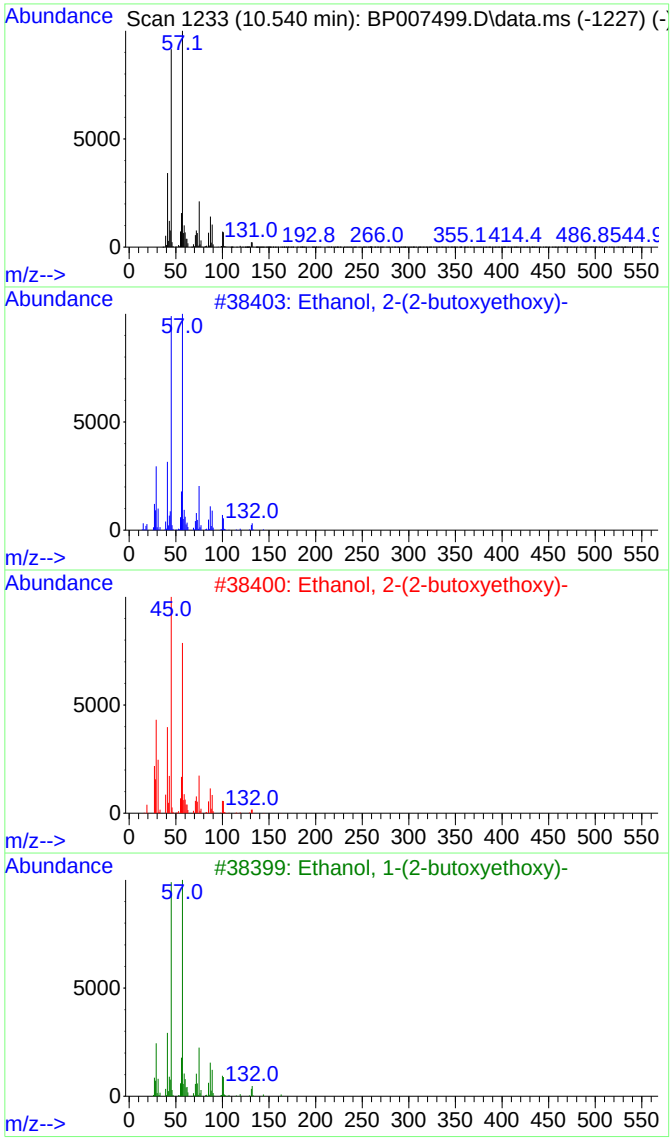
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

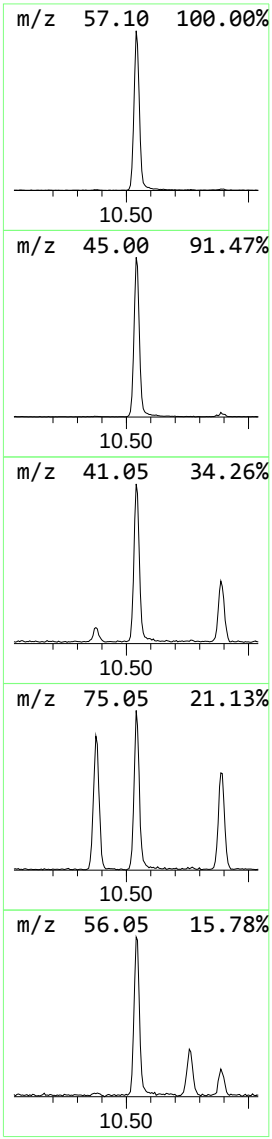
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.540 | 9.31 ng/ul | 674216 | Naphthalene-d8 | 10.763 |

| 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, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 90 |
| 4 | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90 |
| 5 | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3 | 018912-80-6 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007499.D
Acq On : 19 Oct 2021 18:12
Operator : CG/JU
Sample : M4196-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
JDGA2

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

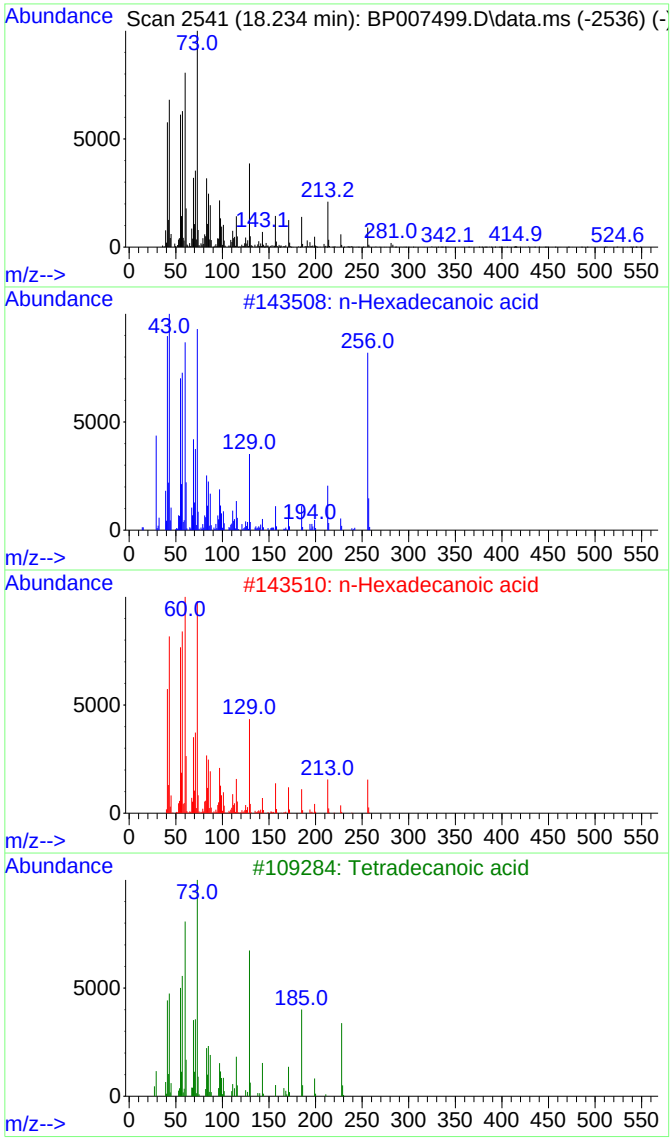
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

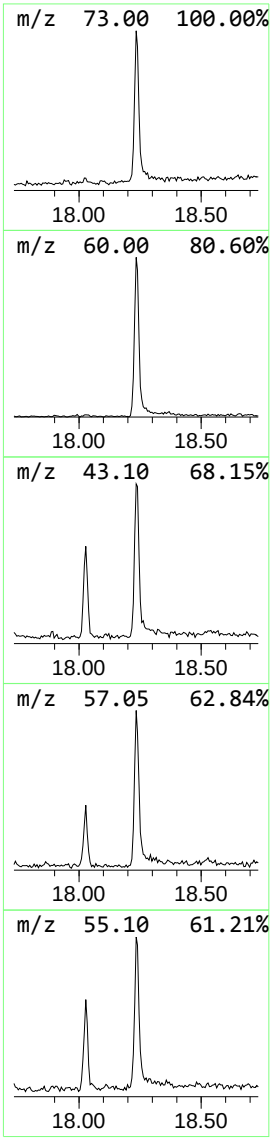
**********

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.234 | 2.00 ng/ul | 242960 | Phenanthrene-d10 | 17.345 |

| 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 | 99 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 95 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 93 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 89 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007499.D
Acq On : 19 Oct 2021 18:12
Operator : CG/JU
Sample : M4196-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
JDGA2

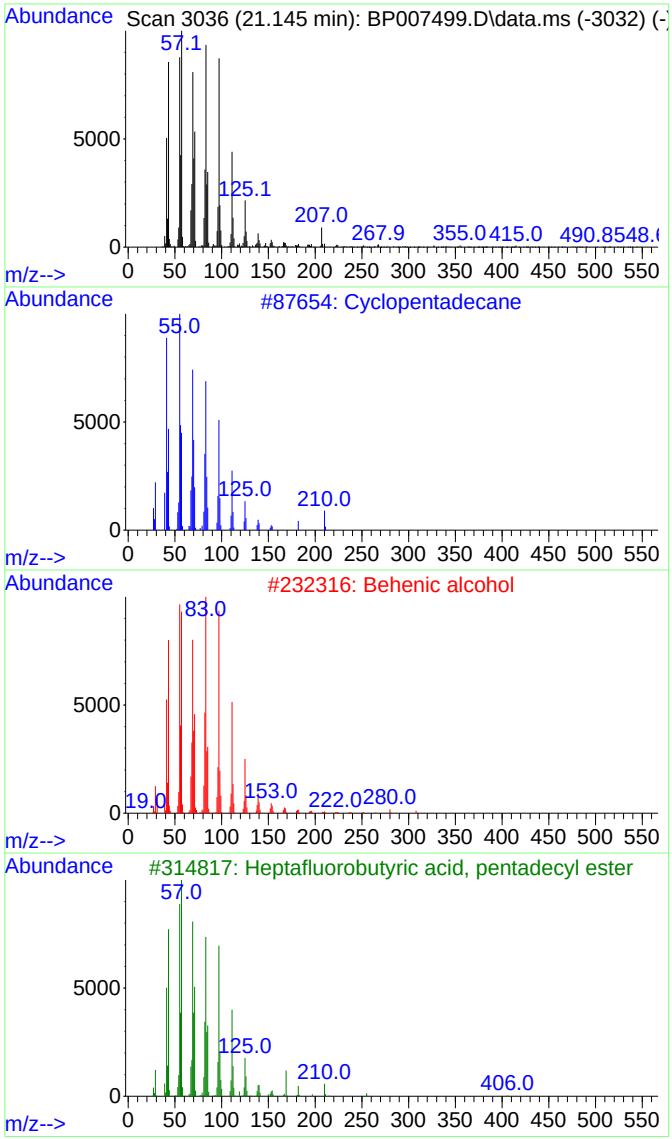
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

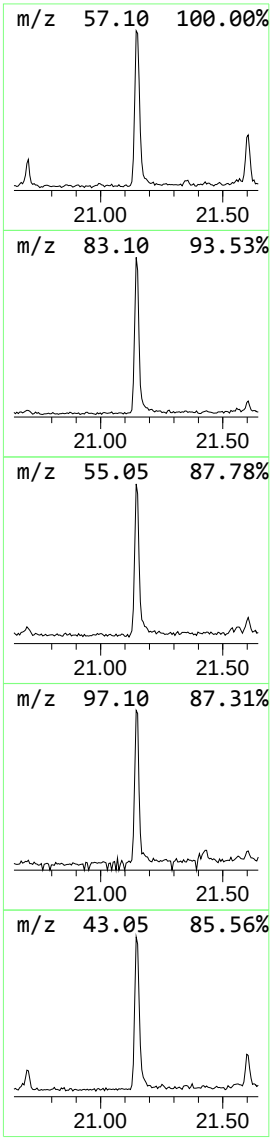
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (DEL) Alkane: Cyclic21.145 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.145 | 3.33 ng/ul | 493440 | Chrysene-d12 | 21.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentadecane | 210 | C15H30 | 000295-48-7 | 94 |
| 2 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |
| 3 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94 |
| 4 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 94 |
| 5 | 2- Chloropropionic acid, octadec... | 360 | C21H41ClO2 | 088104-31-8 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007499.D
Acq On : 19 Oct 2021 18:12
Operator : CG/JU
Sample : M4196-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** JDGA2

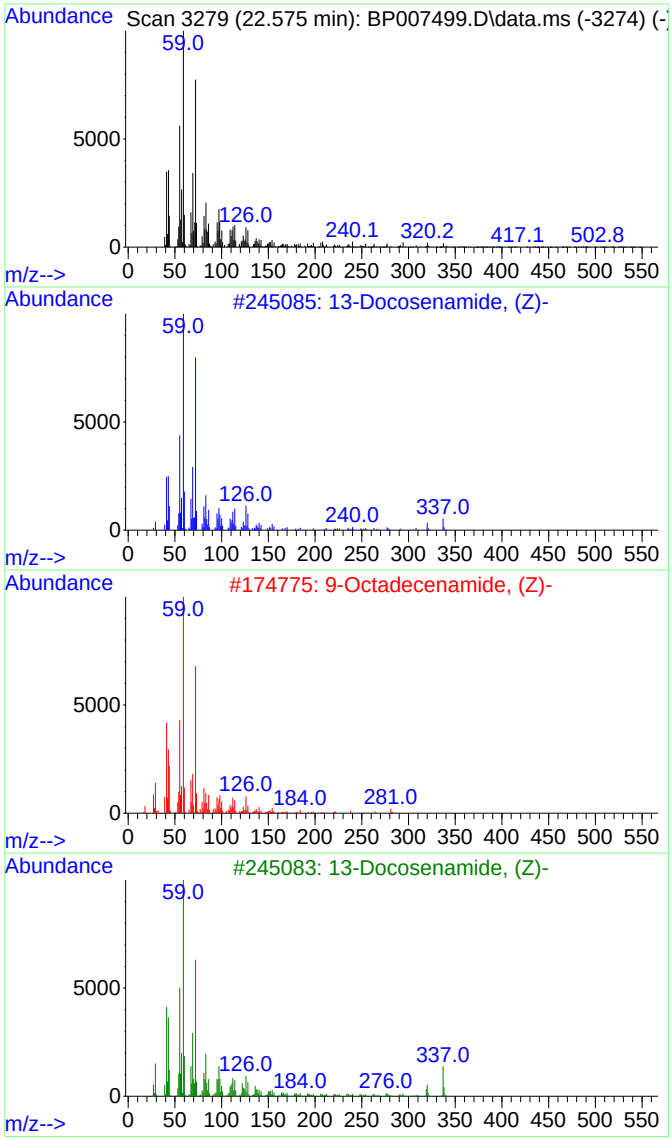
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

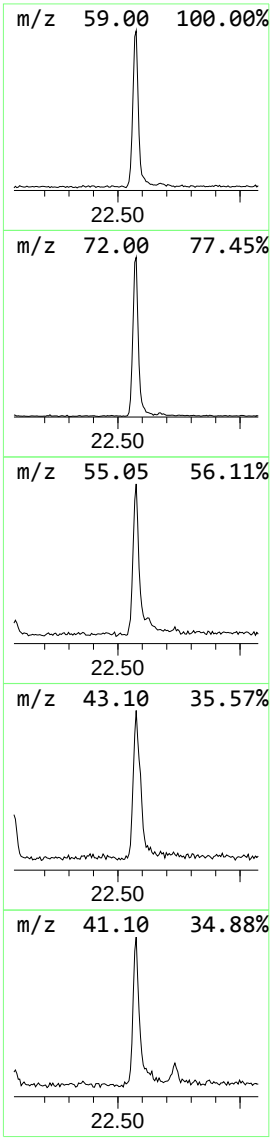
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 13-Docosenamide, (Z)- Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.575 | 5.91 ng/ul | 875364 | Chrysene-d12 | 21.428 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 13-Docosenamide, (Z)- | 337 | C22H43NO | 000112-84-5 | 98 |
| 2 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 87 |
| 3 | 13-Docosenamide, (Z)- | 337 | C22H43NO | 000112-84-5 | 83 |
| 4 | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 80 |
| 5 | 13-Docosenamide, (Z)- | 337 | C22H43NO | 000112-84-5 | 72 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007499.D
Acq On : 19 Oct 2021 18:12
Operator : CG/JU
Sample : M4196-03
Misc :
ALS Vial : 48 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** JDGA2

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 |
| Ethanol, 2-(2-b... | 10.540 | 9.3 | ng/ul | 674216 | 2 | 10.763 | 1448690 | 20.0 |
| n-Hexadecanoic ... | 18.234 | 2.0 | ng/ul | 242960 | 4 | 17.345 | 2427010 | 20.0 |
| (DEL) Alkane: C... | 21.145 | 3.3 | ng/ul | 493440 | 5 | 21.428 | 2961390 | 20.0 |
| 13-Docosenamide... | 22.575 | 5.9 | ng/ul | 875364 | 5 | 21.428 | 2961390 | 20.0 |