LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP021012.D
Acq On : 17 Jul 2024 07:00
Operator : MA/JU
Sample : P3178-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** A4BT6

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-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021012.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.252 | 40 | 45 | 54 | rVB | 36034 | 51709 | 1.45% | 0.106% |
| 2 | 3.528 | 89 | 92 | 104 | rBV | 72735 | 122065 | 3.43% | 0.250% |
| 3 | 3.681 | 116 | 118 | 127 | rBV | 44506 | 78420 | 2.20% | 0.161% |
| 4 | 3.764 | 129 | 132 | 138 | rVB3 | 13788 | 17259 | 0.48% | 0.035% |
| 5 | 3.969 | 163 | 167 | 173 | rVB | 22551 | 31240 | 0.88% | 0.064% |
| 6 | 4.381 | 235 | 237 | 243 | rVB | 9750 | 13988 | 0.39% | 0.029% |
| 7 | 4.469 | 249 | 252 | 257 | rBV3 | 5528 | 8363 | 0.23% | 0.017% |
| 8 | 4.522 | 257 | 261 | 265 | rVB2 | 11264 | 18191 | 0.51% | 0.037% |
| 9 | 4.746 | 295 | 299 | 306 | rBV10 | 5923 | 11179 | 0.31% | 0.023% |
| 10 | 4.863 | 314 | 319 | 329 | rVB | 54924 | 80045 | 2.25% | 0.164% |
| 11 | 5.828 | 475 | 483 | 493 | rBV5 | 8637 | 28414 | 0.80% | 0.058% |
| 12 | 6.805 | 638 | 649 | 655 | rVB10 | 7705 | 25960 | 0.73% | 0.053% |
| 13 | 6.899 | 655 | 665 | 681 | rBV | 604821 | 1108488 | 31.11% | 2.270% |
| 14 | 7.046 | 683 | 690 | 704 | rVV | 517621 | 824529 | 23.14% | 1.689% |
| 15 | 7.246 | 716 | 724 | 732 | rBV | 651907 | 1126483 | 31.61% | 2.307% |
| 16 | 7.693 | 788 | 800 | 810 | rBV | 830552 | 1300000 | 36.48% | 2.662% |
| 17 | 7.775 | 812 | 814 | 822 | rVB6 | 11159 | 17175 | 0.48% | 0.035% |
| 18 | 8.187 | 879 | 884 | 891 | rBV6 | 5233 | 9018 | 0.25% | 0.018% |
| 19 | 8.310 | 901 | 905 | 911 | rVB9 | 4429 | 7028 | 0.20% | 0.014% |
| 20 | 8.410 | 911 | 922 | 936 | rBV | 725551 | 1351415 | 37.92% | 2.768% |
| 21 | 8.522 | 937 | 941 | 951 | rVB3 | 14143 | 33678 | 0.95% | 0.069% |
| 22 | 8.804 | 984 | 989 | 991 | rBV | 29033 | 46362 | 1.30% | 0.095% |
| 23 | 8.851 | 991 | 997 | 1012 | rVB | 609250 | 1066663 | 29.93% | 2.184% |
| 24 | 9.199 | 1051 | 1056 | 1063 | rBV3 | 10709 | 19876 | 0.56% | 0.041% |
| 25 | 9.393 | 1083 | 1089 | 1102 | rVB | 59071 | 102141 | 2.87% | 0.209% |
| 26 | 9.551 | 1107 | 1116 | 1129 | rBV | 494854 | 920338 | 25.83% | 1.885% |
| 27 | 9.922 | 1173 | 1179 | 1185 | rVB5 | 5969 | 13924 | 0.39% | 0.029% |
| 28 | 10.098 | 1201 | 1209 | 1228 | rBV | 750037 | 1449510 | 40.68% | 2.968% |
| 29 | 10.457 | 1262 | 1270 | 1276 | rBV | 1136192 | 1792802 | 50.31% | 3.672% |
| 30 | 10.604 | 1288 | 1295 | 1319 | rBV | 476412 | 1040038 | 29.19% | 2.130% |
| 31 | 10.993 | 1354 | 1361 | 1370 | rBV9 | 16228 | 43485 | 1.22% | 0.089% |
| 32 | 11.204 | 1389 | 1397 | 1408 | rBV2 | 100430 | 241664 | 6.78% | 0.495% |
| 33 | 11.669 | 1471 | 1476 | 1482 | rVB9 | 3642 | 7912 | 0.22% | 0.016% |
| 34 | 11.857 | 1503 | 1508 | 1514 | rBV9 | 4788 | 10287 | 0.29% | 0.021% |
| 35 | 12.034 | 1531 | 1538 | 1548 | rVB3 | 12396 | 24550 | 0.69% | 0.050% |
| 36 | 12.587 | 1629 | 1632 | 1639 | rBV9 | 3233 | 7615 | 0.21% | 0.016% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP021012.D
Acq On : 17 Jul 2024 07:00
Operator : MA/JU
Sample : P3178-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4BT6

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-BP071024.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.104 | 1715 | 1720 | 1727 | rBV6 | 6702 | 10166 | 0.29% | 0.021% |
| 38 | 13.263 | 1742 | 1747 | 1748 | rBV5 | 5421 | 7643 | 0.21% | 0.016% |
| 39 | 13.498 | 1777 | 1787 | 1789 | rBV10 | 4530 | 11859 | 0.33% | 0.024% |
| 40 | 13.610 | 1801 | 1806 | 1812 | rVB10 | 8897 | 18197 | 0.51% | 0.037% |
| 41 | 13.722 | 1814 | 1825 | 1837 | rBV | 1229712 | 2086289 | 58.55% | 4.273% |
| 42 | 13.816 | 1837 | 1841 | 1848 | rVV8 | 17725 | 28807 | 0.81% | 0.059% |
| 43 | 13.881 | 1848 | 1852 | 1859 | rVB10 | 5630 | 11380 | 0.32% | 0.023% |
| 44 | 13.992 | 1861 | 1871 | 1889 | rBV | 1667069 | 2610100 | 73.25% | 5.345% |
| 45 | 14.134 | 1890 | 1895 | 1899 | rVV4 | 24881 | 37597 | 1.06% | 0.077% |
| 46 | 14.181 | 1900 | 1903 | 1908 | rVB6 | 6280 | 10202 | 0.29% | 0.021% |
| 47 | 14.304 | 1916 | 1924 | 1931 | rBV | 1752028 | 2481520 | 69.64% | 5.082% |
| 48 | 14.369 | 1931 | 1935 | 1941 | rVV3 | 56895 | 95933 | 2.69% | 0.196% |
| 49 | 14.422 | 1941 | 1944 | 1949 | rVB6 | 11409 | 14153 | 0.40% | 0.029% |
| 50 | 14.534 | 1955 | 1963 | 1965 | rBV4 | 90461 | 204049 | 5.73% | 0.418% |
| 51 | 14.575 | 1966 | 1970 | 1987 | rVB | 324082 | 806361 | 22.63% | 1.651% |
| 52 | 14.763 | 1999 | 2002 | 2011 | rVB2 | 52947 | 79090 | 2.22% | 0.162% |
| 53 | 15.039 | 2046 | 2049 | 2054 | rVB6 | 7443 | 10802 | 0.30% | 0.022% |
| 54 | 15.110 | 2059 | 2061 | 2065 | rVB2 | 10455 | 10740 | 0.30% | 0.022% |
| 55 | 15.163 | 2065 | 2070 | 2080 | rVB2 | 7779 | 19837 | 0.56% | 0.041% |
| 56 | 15.257 | 2082 | 2086 | 2089 | rBV5 | 7134 | 12315 | 0.35% | 0.025% |
| 57 | 15.316 | 2090 | 2096 | 2105 | rBV | 1912701 | 3192343 | 89.59% | 6.538% |
| 58 | 15.475 | 2116 | 2123 | 2132 | rBV | 469572 | 807353 | 22.66% | 1.653% |
| 59 | 15.904 | 2191 | 2196 | 2202 | rBV8 | 23975 | 46579 | 1.31% | 0.095% |
| 60 | 15.963 | 2204 | 2206 | 2209 | rBV4 | 5172 | 7675 | 0.22% | 0.016% |
| 61 | 16.063 | 2216 | 2223 | 2238 | rVB4 | 32482 | 94627 | 2.66% | 0.194% |
| 62 | 16.639 | 2317 | 2321 | 2325 | rVB6 | 14645 | 23092 | 0.65% | 0.047% |
| 63 | 16.857 | 2356 | 2358 | 2360 | rBV2 | 9617 | 9288 | 0.26% | 0.019% |
| 64 | 16.986 | 2376 | 2380 | 2383 | rBV | 36987 | 47062 | 1.32% | 0.096% |
| 65 | 17.022 | 2383 | 2386 | 2394 | rVB6 | 27273 | 42791 | 1.20% | 0.088% |
| 66 | 17.122 | 2397 | 2403 | 2407 | rBV | 2315383 | 3021449 | 84.79% | 6.188% |
| 67 | 17.157 | 2407 | 2409 | 2413 | rVV | 207239 | 243560 | 6.83% | 0.499% |
| 68 | 17.216 | 2413 | 2419 | 2429 | rVV | 2197932 | 3368543 | 94.53% | 6.899% |
| 69 | 17.292 | 2429 | 2432 | 2435 | rVB2 | 34781 | 42094 | 1.18% | 0.086% |
| 70 | 17.575 | 2478 | 2480 | 2484 | rVB | 30002 | 32243 | 0.90% | 0.066% |
| 71 | 17.739 | 2501 | 2508 | 2513 | rVB | 137608 | 251822 | 7.07% | 0.516% |
| 72 | 17.851 | 2525 | 2527 | 2533 | rVB6 | 25000 | 37015 | 1.04% | 0.076% |
| 73 | 18.045 | 2554 | 2560 | 2569 | rBV2 | 256680 | 521526 | 14.64% | 1.068% |
| 74 | 18.222 | 2586 | 2590 | 2595 | rBV2 | 154264 | 231762 | 6.50% | 0.475% |
| 75 | 18.280 | 2597 | 2600 | 2604 | rVV2 | 89750 | 133443 | 3.74% | 0.273% |
| 76 | 18.327 | 2605 | 2608 | 2614 | rVB4 | 65166 | 98163 | 2.75% | 0.201% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP021012.D
Acq On : 17 Jul 2024 07:00
Operator : MA/JU
Sample : P3178-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4BT6

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-BP071024.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 18.516 | 2636 | 2640 | 2644 | rBV2 | 73377 | 107085 | 3.01% | 0.219% |
| 78 | 18.698 | 2668 | 2671 | 2675 | rVB2 | 68110 | 77729 | 2.18% | 0.159% |
| 79 | 19.010 | 2721 | 2724 | 2725 | rBV | 36636 | 41364 | 1.16% | 0.085% |
| 80 | 19.080 | 2733 | 2736 | 2738 | rBV | 53129 | 63366 | 1.78% | 0.130% |
| 81 | 19.251 | 2761 | 2765 | 2771 | rVB | 365347 | 532884 | 14.95% | 1.091% |
| 82 | 19.380 | 2783 | 2787 | 2796 | rBV4 | 93221 | 223745 | 6.28% | 0.458% |
| 83 | 19.598 | 2818 | 2824 | 2839 | rBV | 2221455 | 3563477 | 100.00% | 7.298% |
| 84 | 21.210 | 3093 | 3098 | 3108 | rVB2 | 487093 | 942023 | 26.44% | 1.929% |
| 85 | 21.551 | 3149 | 3156 | 3162 | rBV2 | 1840775 | 3501209 | 98.25% | 7.170% |
| 86 | 23.933 | 3557 | 3561 | 3569 | rVB | 294893 | 585643 | 16.43% | 1.199% |
| 87 | 24.615 | 3671 | 3677 | 3685 | rVB2 | 853212 | 1918228 | 53.83% | 3.928% |
| 88 | 24.845 | 3707 | 3716 | 3724 | rBV | 1413767 | 3402020 | 95.47% | 6.967% |

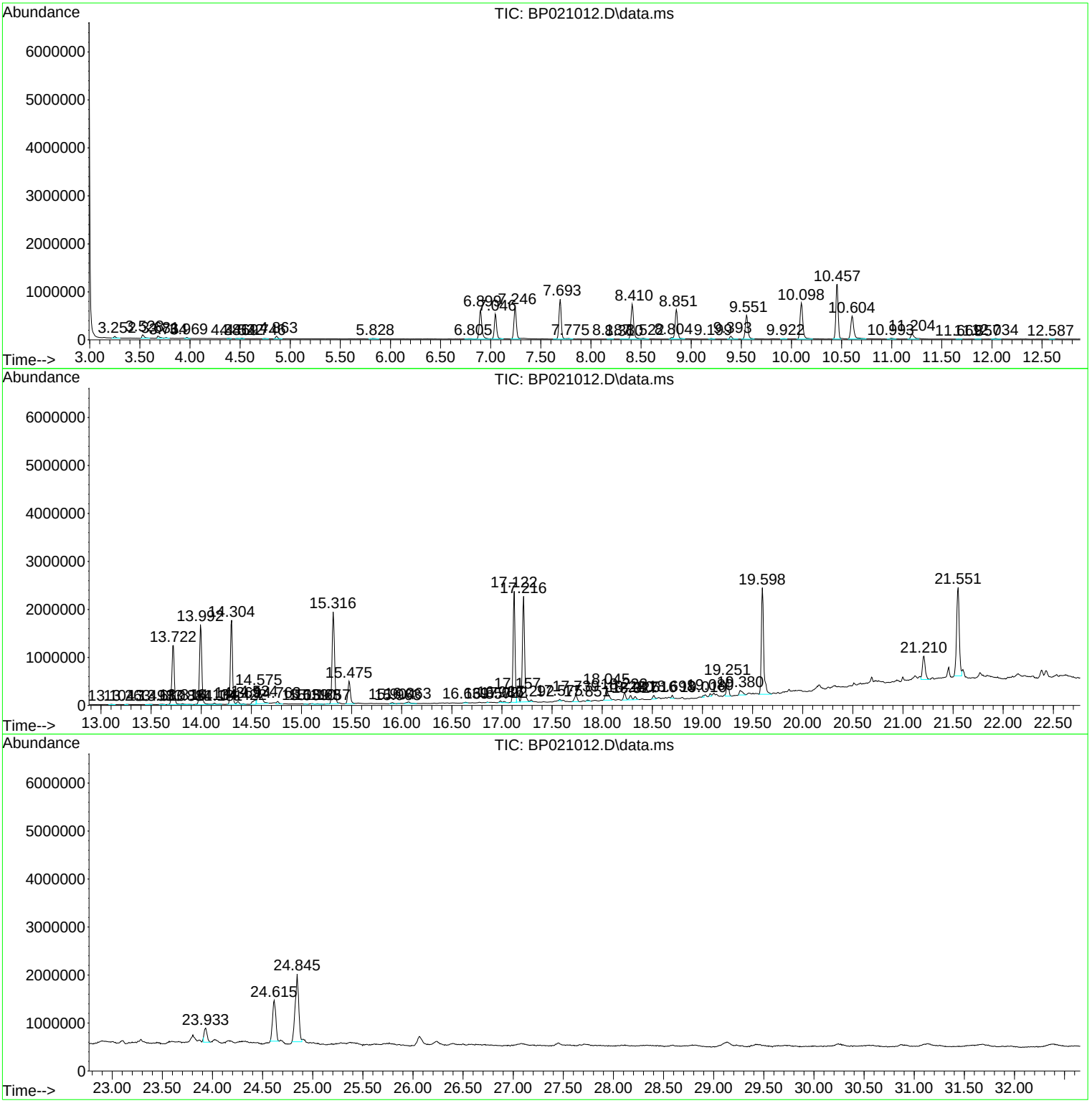
Sum of corrected areas: 48830057

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP021012.D
Acq On : 17 Jul 2024 07:00
Operator : MA/JU
Sample : P3178-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4BT6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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\BP071524\
Data File : BP021012.D
Acq On : 17 Jul 2024 07:00
Operator : MA/JU
Sample : P3178-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4BT6

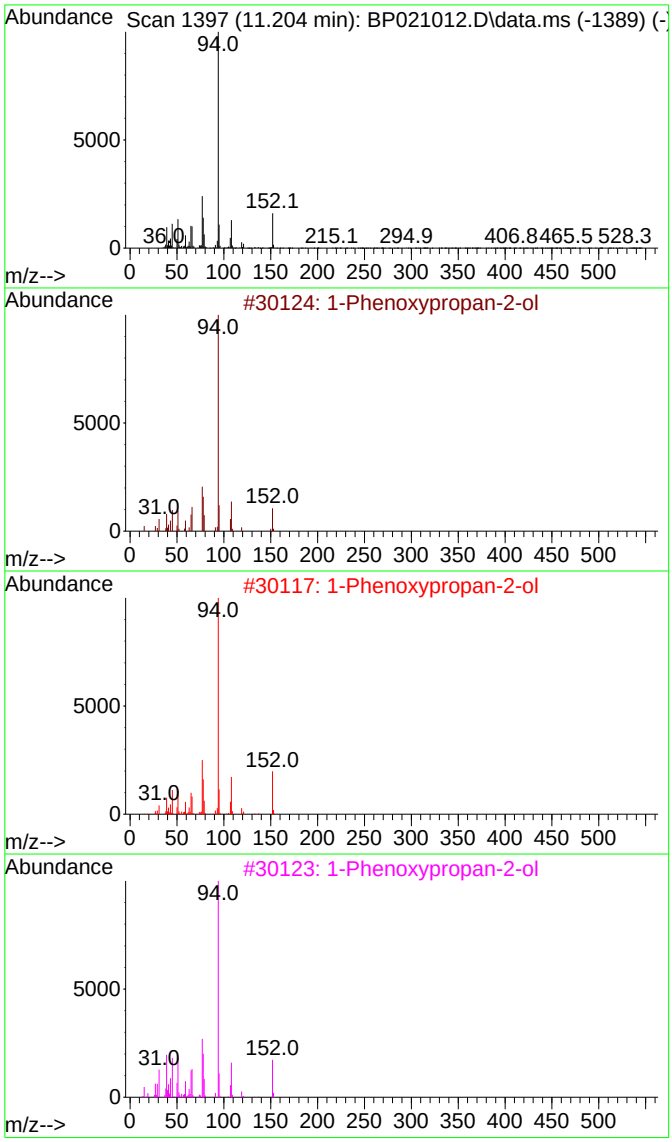
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

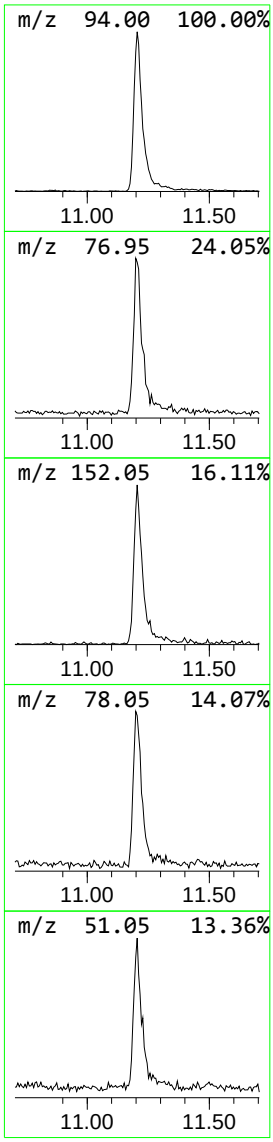
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 1-Phenoxypropan-2-ol Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.204 | 2.70 ng/ul | 241664 | Naphthalene-d8 | 10.451 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Phenoxypropan-2-ol | 152 | C9H12O2 | 000770-35-4 | 96 |
| 2 | 1-Phenoxypropan-2-ol | 152 | C9H12O2 | 000770-35-4 | 96 |
| 3 | 1-Phenoxypropan-2-ol | 152 | C9H12O2 | 000770-35-4 | 95 |
| 4 | 1-Phenoxypropan-2-ol | 152 | C9H12O2 | 000770-35-4 | 94 |
| 5 | Ethanol, 2-phenoxy- | 138 | C8H10O2 | 000122-99-6 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP021012.D
Acq On : 17 Jul 2024 07:00
Operator : MA/JU
Sample : P3178-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4BT6

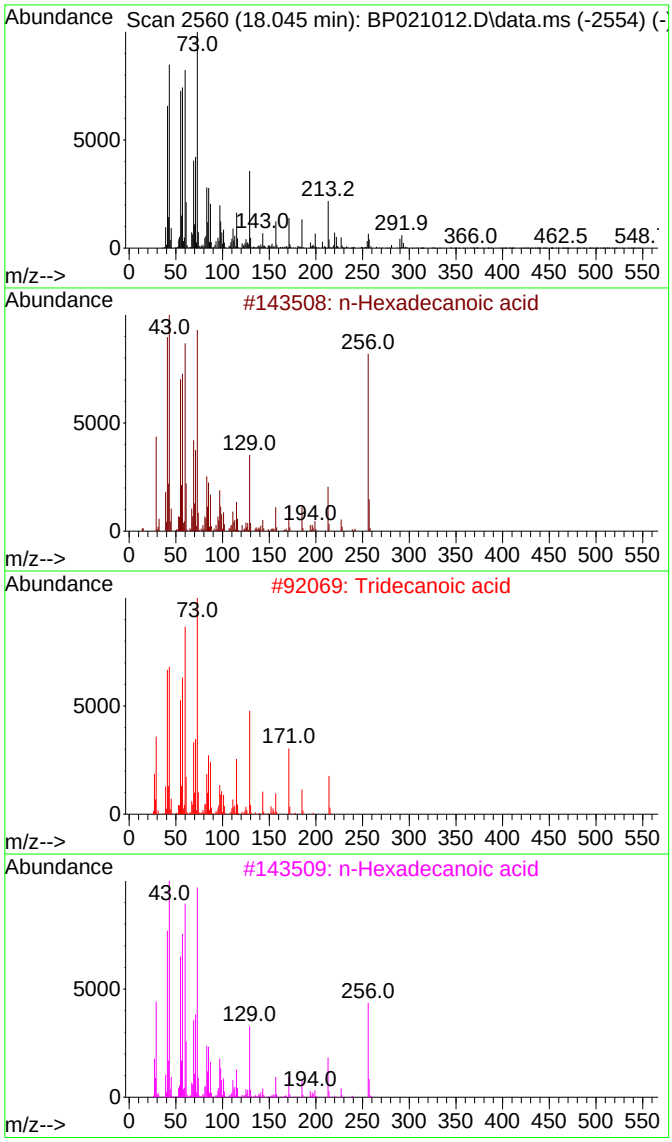
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

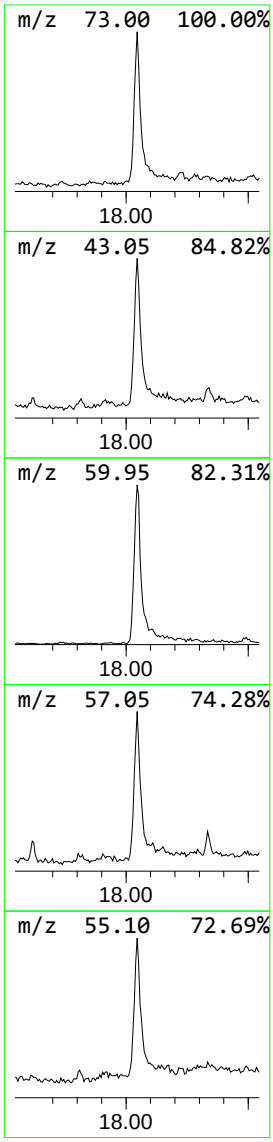
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.045 | 3.45 ng/ul | 521526 | Phenanthrene-d10 | 17.122 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99 |
| 2 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 95 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |
| 5 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP021012.D
Acq On : 17 Jul 2024 07:00
Operator : MA/JU
Sample : P3178-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4BT6

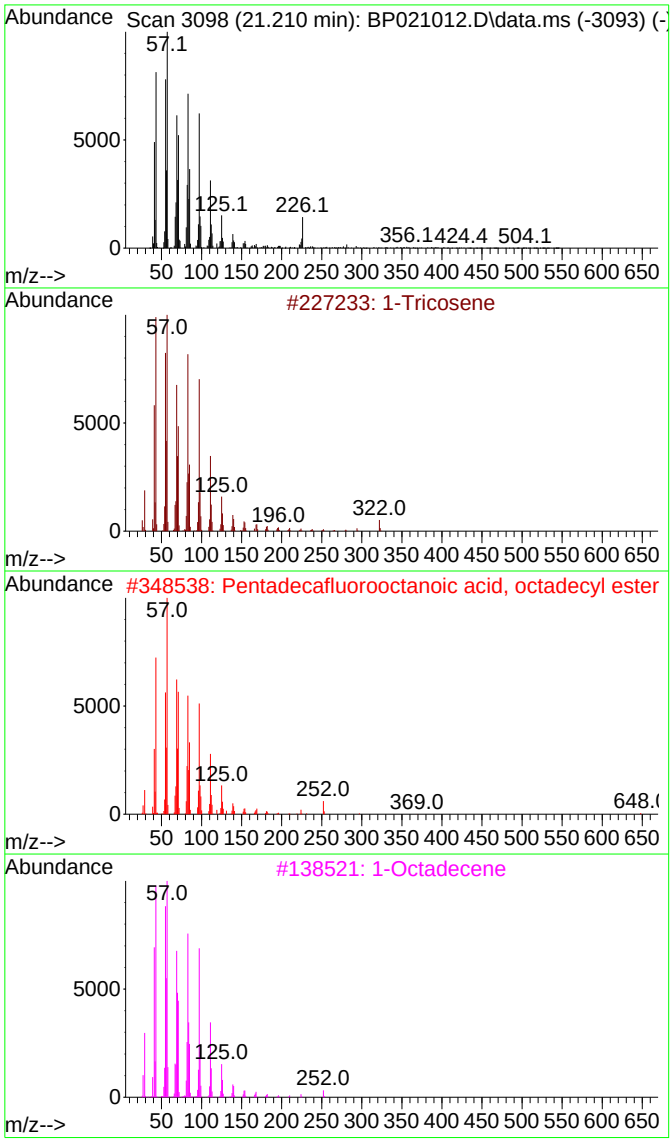
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

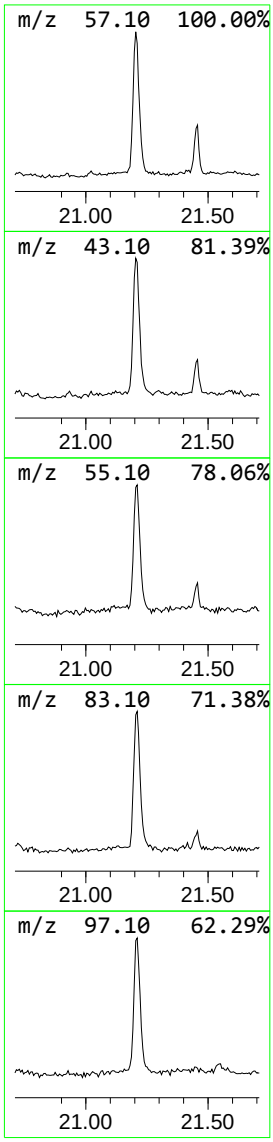
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.210 | 5.38 ng/ul | 942023 | Chrysene-d12 | 21.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Tricosene | 322 | C23H46 | 018835-32-0 | 98 |
| 2 | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 95 |
| 3 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 94 |
| 4 | Cyclohexadecane | 224 | C16H32 | 000295-65-8 | 94 |
| 5 | 2- Chloropropionic acid, hexadec... | 332 | C19H37ClO2 | 086711-81-1 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP021012.D
Acq On : 17 Jul 2024 07:00
Operator : MA/JU
Sample : P3178-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4BT6

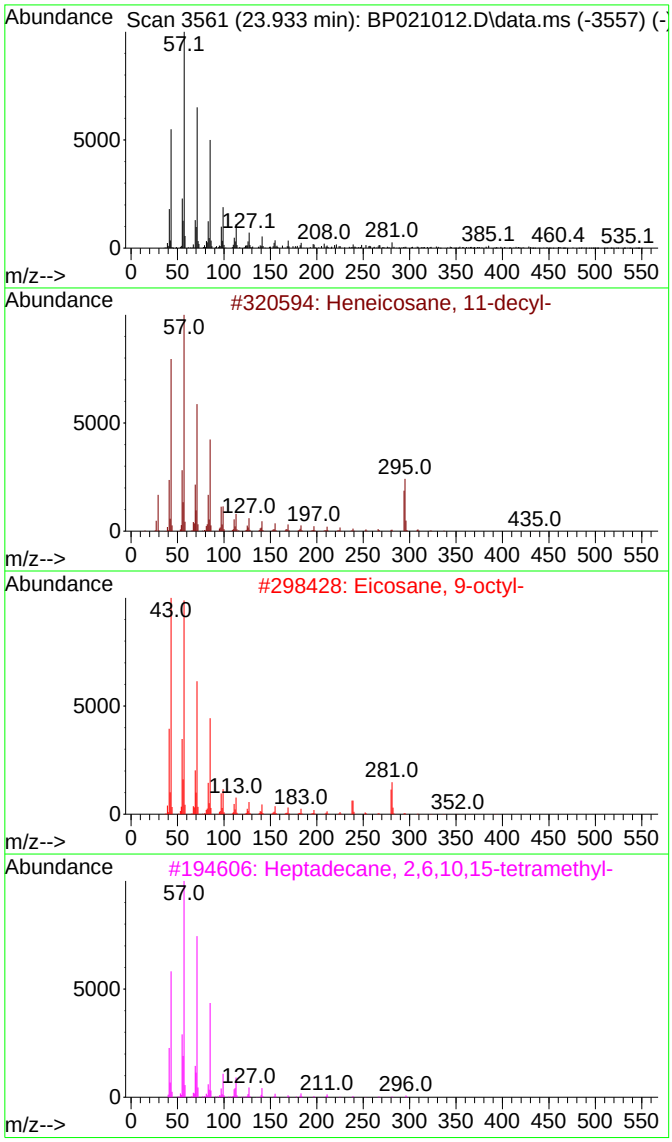
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

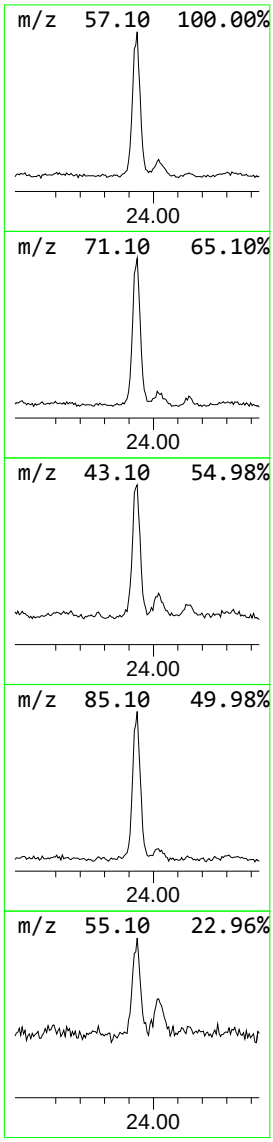
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.933 | 3.44 ng/ul | 585643 | Perylene-d12 | 24.845 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane, 11-decyl- | 437 | C31H64 | 055320-06-4 | 93 |
| 2 | Eicosane, 9-octyl- | 394 | C28H58 | 013475-77-9 | 93 |
| 3 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 91 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 90 |
| 5 | Pentadecane, 7-(bromomethyl)- | 304 | C16H33Br | 052997-43-0 | 90 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP021012.D
Acq On : 17 Jul 2024 07:00
Operator : MA/JU
Sample : P3178-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A4BT6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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 |
| 1-Phenoxypropan... | 11.204 | 2.7 | ng/ul | 241664 | 2 | 10.451 | 1792800 | 20.0 |
| n-Hexadecanoic ... | 18.045 | 3.5 | ng/ul | 521526 | 4 | 17.122 | 3021450 | 20.0 |
| (DEL) Alkane: S... | 21.210 | 5.4 | ng/ul | 942023 | 5 | 21.551 | 3501210 | 20.0 |
| (DEL) Alkane: S... | 23.933 | 3.4 | ng/ul | 585643 | 6 | 24.845 | 3402020 | 20.0 |