LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
Data File : BP021914.D
Acq On : 13 Sep 2024 18:32
Operator : RC/JU
Sample : P3952-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B65

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-BP091124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021914.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.270 | 44 | 48 | 52 | rVB | 24090 | 28922 | 0.88% | 0.096% |
| 2 | 3.540 | 90 | 94 | 102 | rVB | 32199 | 49812 | 1.51% | 0.166% |
| 3 | 3.681 | 114 | 118 | 137 | rVB | 136983 | 219441 | 6.65% | 0.730% |
| 4 | 3.999 | 169 | 172 | 177 | rVB3 | 5121 | 8539 | 0.26% | 0.028% |
| 5 | 4.446 | 244 | 248 | 254 | rVB8 | 2627 | 4097 | 0.12% | 0.014% |
| 6 | 4.793 | 302 | 307 | 311 | rBV7 | 3325 | 6287 | 0.19% | 0.021% |
| 7 | 4.917 | 322 | 328 | 334 | rBV2 | 14573 | 22185 | 0.67% | 0.074% |
| 8 | 6.046 | 515 | 520 | 524 | rBV8 | 4634 | 6778 | 0.21% | 0.023% |
| 9 | 6.934 | 662 | 671 | 681 | rBV | 84996 | 148092 | 4.49% | 0.492% |
| 10 | 7.093 | 690 | 698 | 709 | rBV | 206675 | 319455 | 9.68% | 1.062% |
| 11 | 7.299 | 723 | 733 | 742 | rBV | 278022 | 442688 | 13.41% | 1.472% |
| 12 | 7.375 | 742 | 746 | 755 | rVB7 | 4293 | 10153 | 0.31% | 0.034% |
| 13 | 7.581 | 776 | 781 | 787 | rBV9 | 1729 | 4008 | 0.12% | 0.013% |
| 14 | 7.758 | 803 | 811 | 818 | rBV | 412472 | 689757 | 20.89% | 2.294% |
| 15 | 7.822 | 820 | 822 | 827 | rVB5 | 2959 | 4150 | 0.13% | 0.014% |
| 16 | 8.452 | 922 | 929 | 939 | rBV | 340729 | 569847 | 17.26% | 1.895% |
| 17 | 8.899 | 997 | 1005 | 1017 | rBV | 355130 | 600344 | 18.19% | 1.996% |
| 18 | 9.328 | 1073 | 1078 | 1084 | rBV2 | 8811 | 13810 | 0.42% | 0.046% |
| 19 | 9.457 | 1095 | 1100 | 1106 | rVB2 | 12539 | 19038 | 0.58% | 0.063% |
| 20 | 9.610 | 1118 | 1126 | 1140 | rBV | 266392 | 472130 | 14.30% | 1.570% |
| 21 | 10.152 | 1210 | 1218 | 1236 | rBV | 518376 | 864520 | 26.19% | 2.875% |
| 22 | 10.522 | 1273 | 1281 | 1293 | rBV | 570649 | 978658 | 29.64% | 3.255% |
| 23 | 10.652 | 1295 | 1303 | 1317 | rBV | 466771 | 831685 | 25.19% | 2.766% |
| 24 | 11.057 | 1368 | 1372 | 1378 | rBV9 | 4125 | 7611 | 0.23% | 0.025% |
| 25 | 11.263 | 1399 | 1407 | 1423 | rBV2 | 39596 | 103677 | 3.14% | 0.345% |
| 26 | 11.810 | 1494 | 1500 | 1507 | rBV3 | 6955 | 13143 | 0.40% | 0.044% |
| 27 | 12.104 | 1543 | 1550 | 1558 | rVB4 | 7742 | 15664 | 0.47% | 0.052% |
| 28 | 12.975 | 1694 | 1698 | 1702 | rBV7 | 3314 | 5101 | 0.15% | 0.017% |
| 29 | 13.263 | 1743 | 1747 | 1754 | rVB9 | 3615 | 7147 | 0.22% | 0.024% |
| 30 | 13.769 | 1826 | 1833 | 1846 | rBV | 877974 | 1379428 | 41.78% | 4.587% |
| 31 | 14.057 | 1871 | 1882 | 1893 | rBV2 | 899515 | 1513042 | 45.83% | 5.032% |
| 32 | 14.369 | 1926 | 1935 | 1944 | rBV | 944368 | 1460293 | 44.23% | 4.856% |
| 33 | 14.575 | 1964 | 1970 | 1985 | rBV2 | 116296 | 273981 | 8.30% | 0.911% |
| 34 | 14.792 | 2000 | 2007 | 2016 | rVB10 | 10388 | 19969 | 0.60% | 0.066% |
| 35 | 15.187 | 2070 | 2074 | 2080 | rVB6 | 4742 | 9851 | 0.30% | 0.033% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
Data File : BP021914.D
Acq On : 13 Sep 2024 18:32
Operator : RC/JU
Sample : P3952-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B65

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-BP091124.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 36 | 15.375 | 2099 | 2106 | 2119 | rBV | 1294269 | 2040953 | 61.82% | 6.787% |
| 37 | 15.492 | 2120 | 2126 | 2132 | rBV | 337069 | 485445 | 14.70% | 1.614% |
| 38 | 15.616 | 2142 | 2147 | 2157 | rVB7 | 9326 | 19327 | 0.59% | 0.064% |
| 39 | 16.116 | 2228 | 2232 | 2234 | rBV4 | 4160 | 4556 | 0.14% | 0.015% |
| 40 | 16.486 | 2292 | 2295 | 2300 | rVB7 | 7042 | 9587 | 0.29% | 0.032% |
| 41 | 16.922 | 2365 | 2369 | 2375 | rBV9 | 10333 | 19518 | 0.59% | 0.065% |
| 42 | 17.151 | 2401 | 2408 | 2414 | rBV | 1219472 | 1877271 | 56.87% | 6.243% |
| 43 | 17.251 | 2419 | 2425 | 2437 | rVV | 1686106 | 2399903 | 72.70% | 7.981% |
| 44 | 17.475 | 2461 | 2463 | 2468 | rVB6 | 6361 | 9112 | 0.28% | 0.030% |
| 45 | 17.851 | 2523 | 2527 | 2532 | rVB7 | 10367 | 14221 | 0.43% | 0.047% |
| 46 | 18.081 | 2560 | 2566 | 2575 | rBV | 123176 | 188357 | 5.71% | 0.626% |
| 47 | 19.169 | 2747 | 2751 | 2756 | rVB2 | 26575 | 29811 | 0.90% | 0.099% |
| 48 | 19.239 | 2759 | 2763 | 2766 | rBV | 20684 | 26917 | 0.82% | 0.090% |
| 49 | 19.398 | 2786 | 2790 | 2799 | rBV4 | 51138 | 79377 | 2.40% | 0.264% |
| 50 | 19.610 | 2821 | 2826 | 2834 | rBV | 2457494 | 3116699 | 94.41% | 10.365% |
| 51 | 21.251 | 3101 | 3105 | 3115 | rBV3 | 138185 | 303351 | 9.19% | 1.009% |
| 52 | 21.574 | 3154 | 3160 | 3172 | rVB2 | 1404859 | 2392874 | 72.48% | 7.958% |
| 53 | 24.674 | 3678 | 3687 | 3701 | rVB | 1319213 | 3301266 | 100.00% | 10.979% |
| 54 | 24.904 | 3717 | 3726 | 3743 | rVB | 963940 | 2628130 | 79.61% | 8.740% |

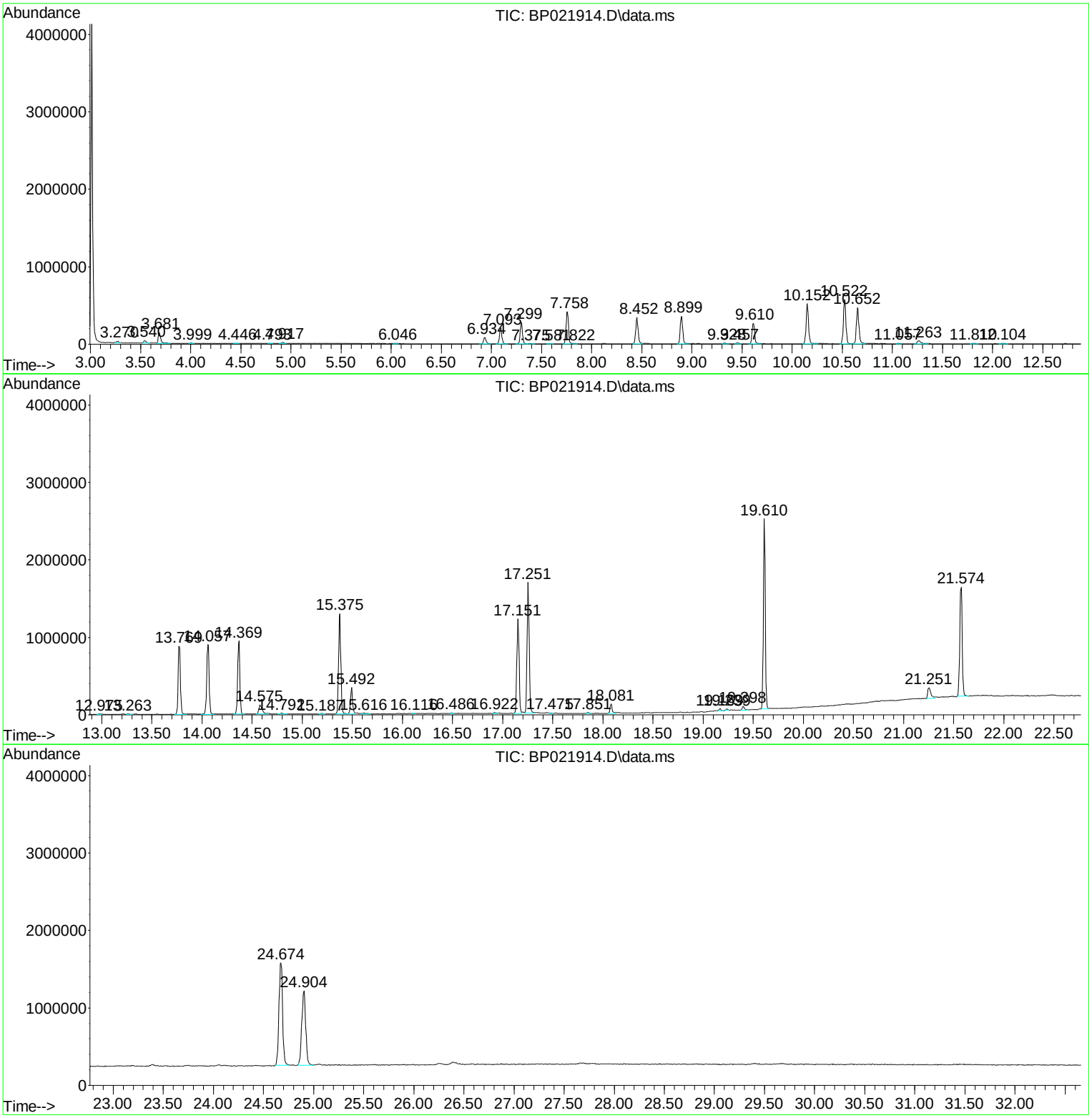
Sum of corrected areas: 30069978

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
Data File : BP021914.D
Acq On : 13 Sep 2024 18:32
Operator : RC/JU
Sample : P3952-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B65

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.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\BP091324\
Data File : BP021914.D
Acq On : 13 Sep 2024 18:32
Operator : RC/JU
Sample : P3952-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B65

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION

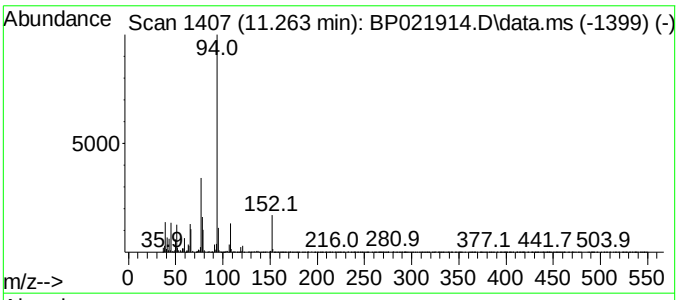
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

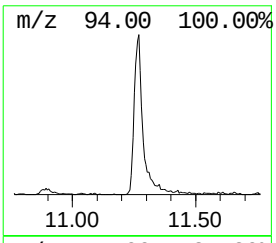
**********

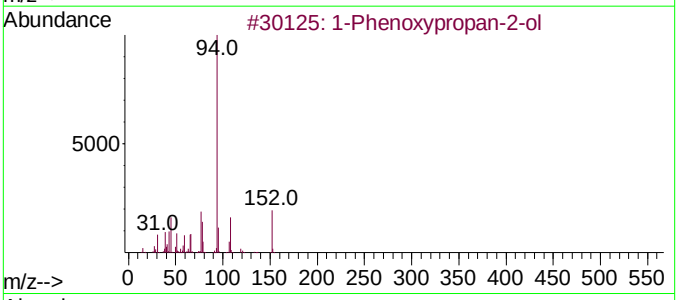
Peak Number 1 1-Phenoxypropan-2-ol Concentration Rank 2

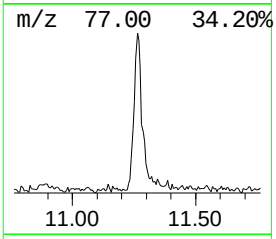
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.263 | 2.12 ng/ul | 103677 | Naphthalene-d8 | 10.522 |

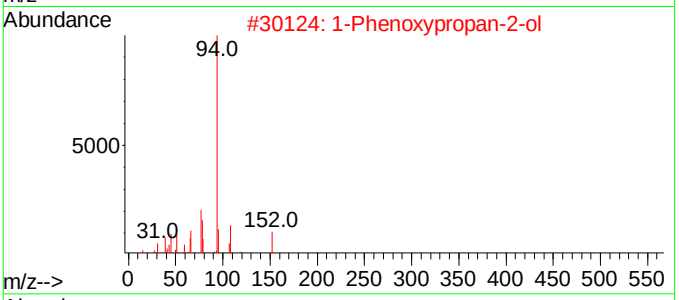
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Phenoxypropan-2-ol | 152 | C9H12O2 | 000770-35-4 | 87 |
| 2 | 1-Phenoxypropan-2-ol | 152 | C9H12O2 | 000770-35-4 | 81 |
| 3 | 1-Propanol, 3-phenoxy- | 152 | C9H12O2 | 006180-61-6 | 81 |
| 4 | 1-Phenoxypropan-2-ol | 152 | C9H12O2 | 000770-35-4 | 64 |
| 5 | 1-Phenoxypropan-2-ol | 152 | C9H12O2 | 000770-35-4 | 64 |

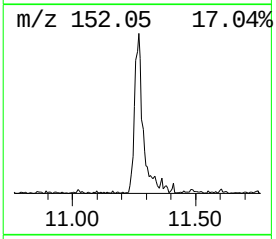


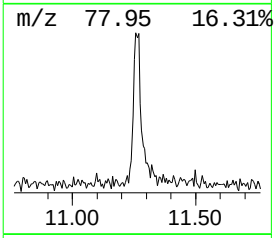



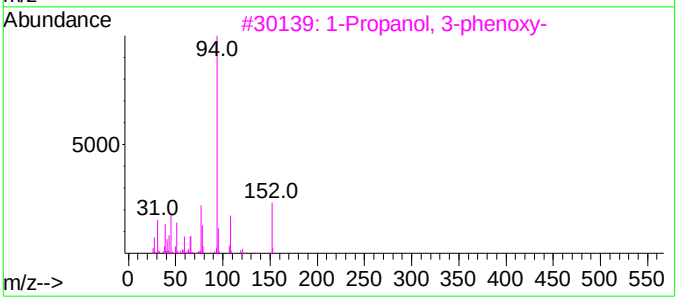



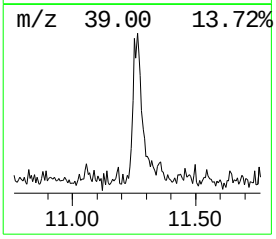



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
Data File : BP021914.D
Acq On : 13 Sep 2024 18:32
Operator : RC/JU
Sample : P3952-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B65

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION

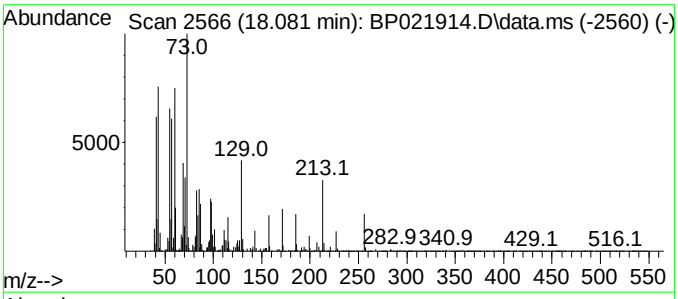
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

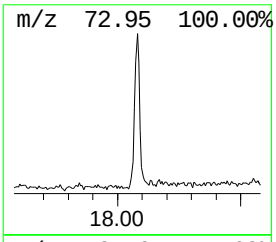
**********

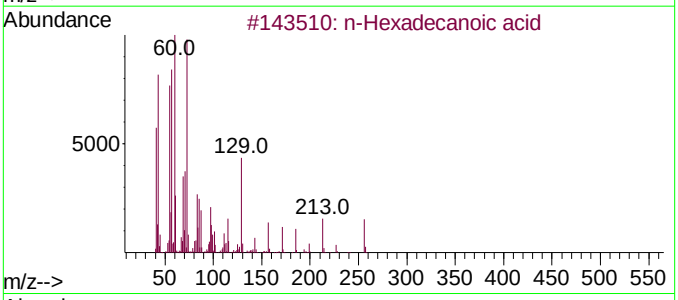
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

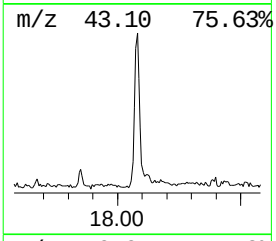
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.081 | 2.01 ng/ul | 188357 | Phenanthrene-d10 | 17.151 |

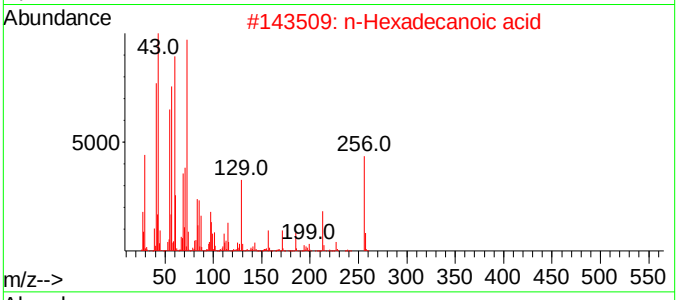
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 2 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 91 |

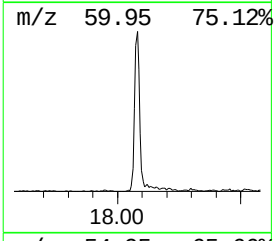


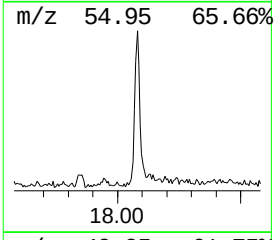



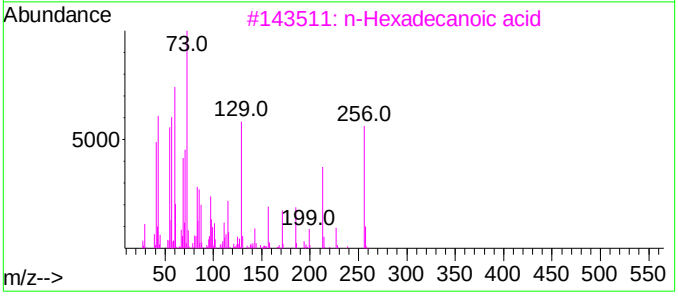



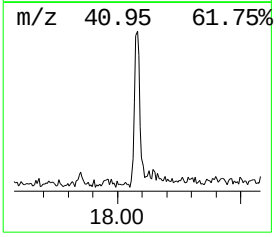



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
Data File : BP021914.D
Acq On : 13 Sep 2024 18:32
Operator : RC/JU
Sample : P3952-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B65

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION

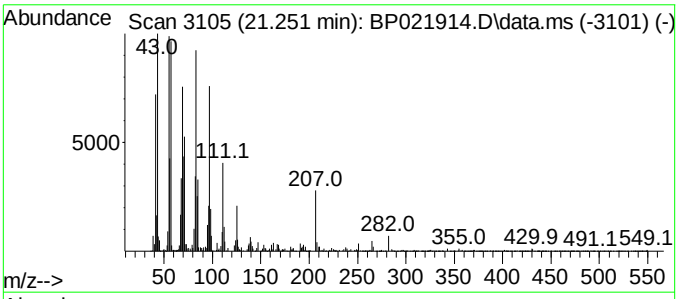
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

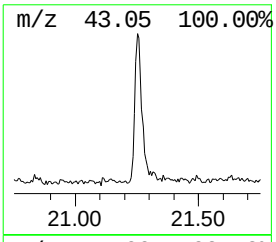
**********

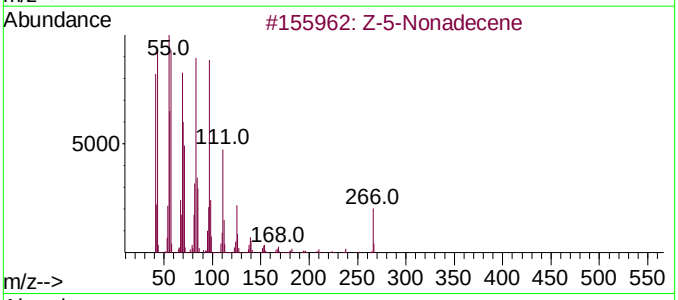
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

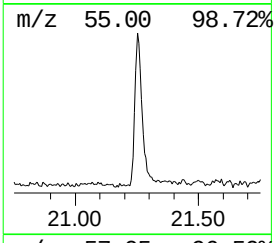
| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.251 | 2.54 ng/ul | 303351 | Chrysene-d12 | 21.575 |

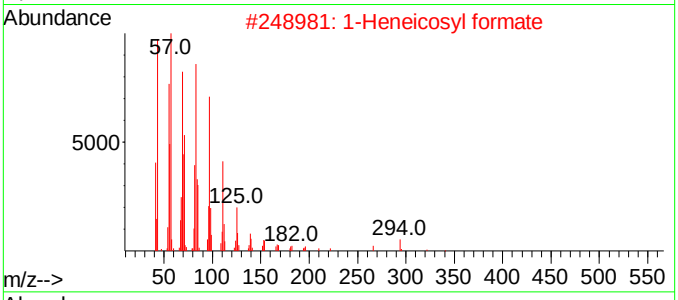
| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Z-5-Nonadecene | 266 | C19H38 | 1000131-11-8 | 96 |
| 2 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 95 |
| 3 | Cyclopentadecane | 210 | C15H30 | 000295-48-7 | 93 |
| 4 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 93 |
| 5 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 93 |

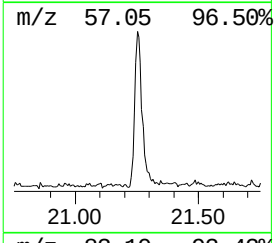


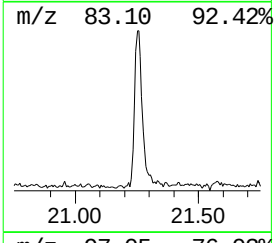



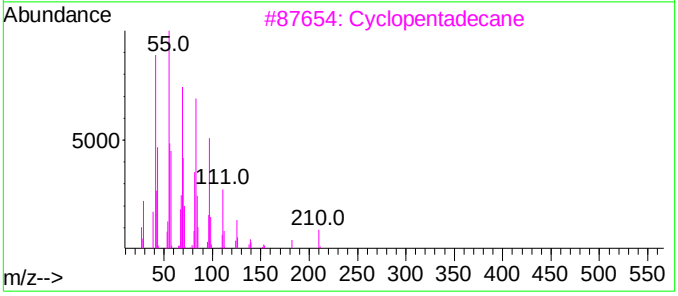



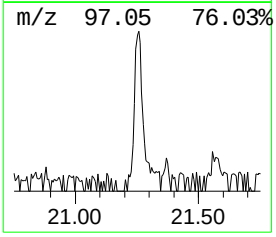



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091324\
Data File : BP021914.D
Acq On : 13 Sep 2024 18:32
Operator : RC/JU
Sample : P3952-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0B65

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.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... | 11.263 | 2.1 | ng/ul | 103677 | 2 | 10.522 | 978658 | 20.0 |
| n-Hexadecanoic ... | 18.081 | 2.0 | ng/ul | 188357 | 4 | 17.151 | 1877270 | 20.0 |
| (DEL) Alkane: S... | 21.251 | 2.5 | ng/ul | 303351 | 5 | 21.575 | 2392870 | 20.0 |