LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016169.D
Acq On : 10 Jul 2023 22:39
Operator : MA/JU
Sample : 03404-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
YBW46

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-BP062623.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016169.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.340 | 23 | 26 | 30 | rBV | 34454 | 46588 | 0.90% | 0.096% |
| 2 | 3.799 | 103 | 104 | 132 | rBV | 222687 | 576868 | 11.12% | 1.186% |
| 3 | 3.993 | 135 | 137 | 140 | rBV3 | 7705 | 8025 | 0.15% | 0.017% |
| 4 | 4.528 | 226 | 228 | 233 | rVB4 | 10716 | 12091 | 0.23% | 0.025% |
| 5 | 6.893 | 623 | 630 | 633 | rBV9 | 3494 | 6935 | 0.13% | 0.014% |
| 6 | 7.069 | 657 | 660 | 666 | rVB8 | 3737 | 6285 | 0.12% | 0.013% |
| 7 | 7.234 | 680 | 688 | 703 | rBV | 257233 | 995891 | 19.20% | 2.048% |
| 8 | 7.352 | 703 | 708 | 738 | rVB | 289263 | 925351 | 17.84% | 1.903% |
| 9 | 7.563 | 738 | 744 | 763 | rBV | 381253 | 1022089 | 19.71% | 2.102% |
| 10 | 8.022 | 814 | 822 | 847 | rBV | 294093 | 1005555 | 19.39% | 2.068% |
| 11 | 8.793 | 943 | 953 | 987 | rBV | 295079 | 1447420 | 27.91% | 2.977% |
| 12 | 9.240 | 1021 | 1029 | 1056 | rBV | 316224 | 1106832 | 21.34% | 2.276% |
| 13 | 9.522 | 1075 | 1077 | 1081 | rVB5 | 8692 | 9645 | 0.19% | 0.020% |
| 14 | 9.981 | 1147 | 1155 | 1178 | rBV3 | 179320 | 915325 | 17.65% | 1.883% |
| 15 | 10.575 | 1249 | 1256 | 1273 | rBV2 | 226944 | 1063352 | 20.50% | 2.187% |
| 16 | 10.852 | 1296 | 1303 | 1328 | rVB | 541163 | 1628254 | 31.40% | 3.349% |
| 17 | 11.075 | 1333 | 1341 | 1378 | rBV4 | 176315 | 1008551 | 19.45% | 2.074% |
| 18 | 12.016 | 1498 | 1501 | 1507 | rVB8 | 5011 | 8420 | 0.16% | 0.017% |
| 19 | 12.516 | 1576 | 1586 | 1596 | rBV9 | 7036 | 24240 | 0.47% | 0.050% |
| 20 | 13.040 | 1670 | 1675 | 1677 | rBV5 | 4127 | 6440 | 0.12% | 0.013% |
| 21 | 13.551 | 1755 | 1762 | 1766 | rBV6 | 20724 | 42088 | 0.81% | 0.087% |
| 22 | 13.681 | 1777 | 1784 | 1786 | rBV8 | 3627 | 6600 | 0.13% | 0.014% |
| 23 | 14.004 | 1836 | 1839 | 1843 | rVB6 | 3871 | 5192 | 0.10% | 0.011% |
| 24 | 14.093 | 1847 | 1854 | 1878 | rBV | 1001412 | 2447343 | 47.19% | 5.033% |
| 25 | 14.369 | 1893 | 1901 | 1924 | rBV | 1508228 | 2937332 | 56.64% | 6.041% |
| 26 | 14.540 | 1928 | 1930 | 1937 | rVB8 | 9327 | 17791 | 0.34% | 0.037% |
| 27 | 14.669 | 1945 | 1952 | 1972 | rBV | 1303957 | 2301856 | 44.39% | 4.734% |
| 28 | 15.092 | 2016 | 2024 | 2025 | rBV4 | 60754 | 128649 | 2.48% | 0.265% |
| 29 | 15.498 | 2088 | 2093 | 2096 | rVB7 | 8225 | 11743 | 0.23% | 0.024% |
| 30 | 15.681 | 2117 | 2124 | 2153 | rBV | 1563076 | 3814949 | 73.56% | 7.846% |
| 31 | 15.910 | 2156 | 2163 | 2164 | rBV2 | 99232 | 173928 | 3.35% | 0.358% |
| 32 | 16.057 | 2183 | 2188 | 2208 | rVB | 389444 | 813760 | 15.69% | 1.674% |
| 33 | 16.310 | 2227 | 2231 | 2234 | rVB6 | 9127 | 12553 | 0.24% | 0.026% |
| 34 | 16.610 | 2279 | 2282 | 2285 | rBV4 | 11908 | 14757 | 0.28% | 0.030% |
| 35 | 16.916 | 2331 | 2334 | 2339 | rBV6 | 7695 | 8730 | 0.17% | 0.018% |
| 36 | 17.092 | 2361 | 2364 | 2370 | rBV8 | 7409 | 15223 | 0.29% | 0.031% |

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Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
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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
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 17.134 | 2370 | 2371 | 2376 | rVB5 | 7601 | 7239 | 0.14% | 0.015% |
| 38 | 17.186 | 2376 | 2380 | 2383 | rBV6 | 4209 | 6740 | 0.13% | 0.014% |
| 39 | 17.434 | 2415 | 2422 | 2434 | rBV | 1725407 | 2804734 | 54.08% | 5.768% |
| 40 | 17.545 | 2434 | 2441 | 2468 | rVB2 | 1439458 | 4154431 | 80.11% | 8.544% |
| 41 | 18.286 | 2562 | 2567 | 2578 | rBV2 | 272064 | 593618 | 11.45% | 1.221% |
| 42 | 19.351 | 2744 | 2748 | 2750 | rBV2 | 35505 | 48100 | 0.93% | 0.099% |
| 43 | 19.516 | 2772 | 2776 | 2790 | rBV3 | 105921 | 216230 | 4.17% | 0.445% |
| 44 | 19.769 | 2813 | 2819 | 2850 | rBV2 | 2396634 | 5186073 | 100.00% | 10.666% |
| 45 | 20.710 | 2977 | 2979 | 2983 | rBV | 53664 | 53984 | 1.04% | 0.111% |
| 46 | 21.163 | 3054 | 3056 | 3059 | rBV2 | 82745 | 78268 | 1.51% | 0.161% |
| 47 | 21.216 | 3059 | 3065 | 3078 | rVV | 348771 | 1041456 | 20.08% | 2.142% |
| 48 | 21.545 | 3116 | 3121 | 3130 | rBV | 1278467 | 2933769 | 56.57% | 6.034% |
| 49 | 23.898 | 3514 | 3521 | 3540 | rBV2 | 1594266 | 4192632 | 80.84% | 8.623% |
| 50 | 24.074 | 3544 | 3551 | 3570 | rVB | 807883 | 2727666 | 52.60% | 5.610% |

Sum of corrected areas: 48621591

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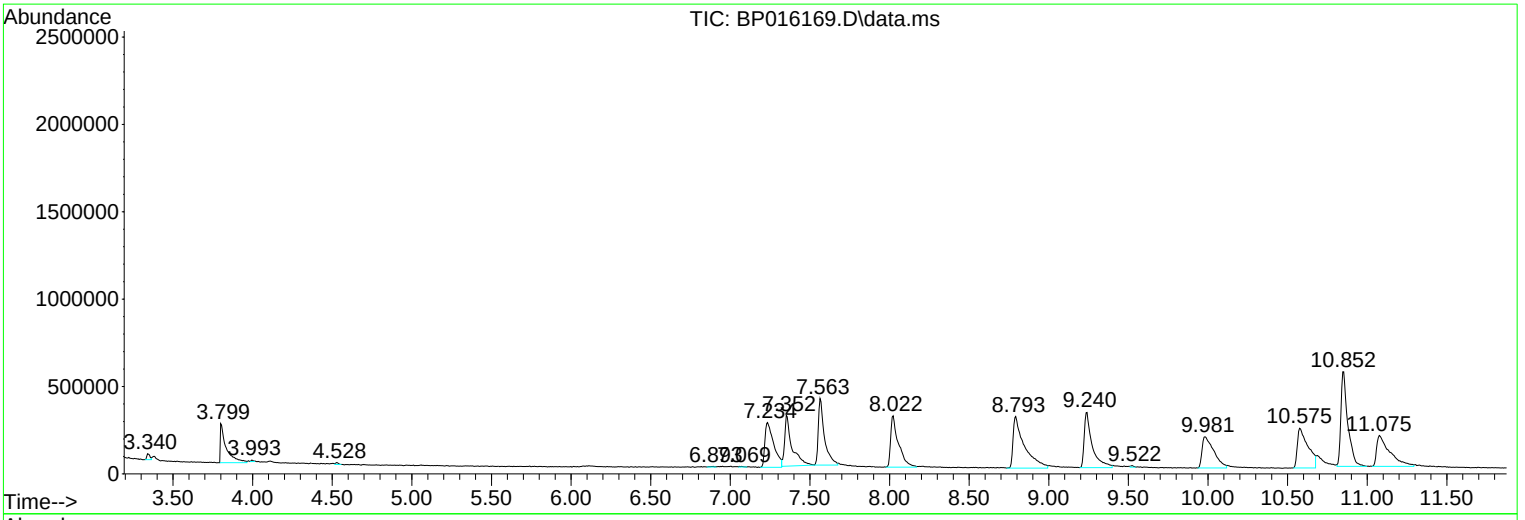
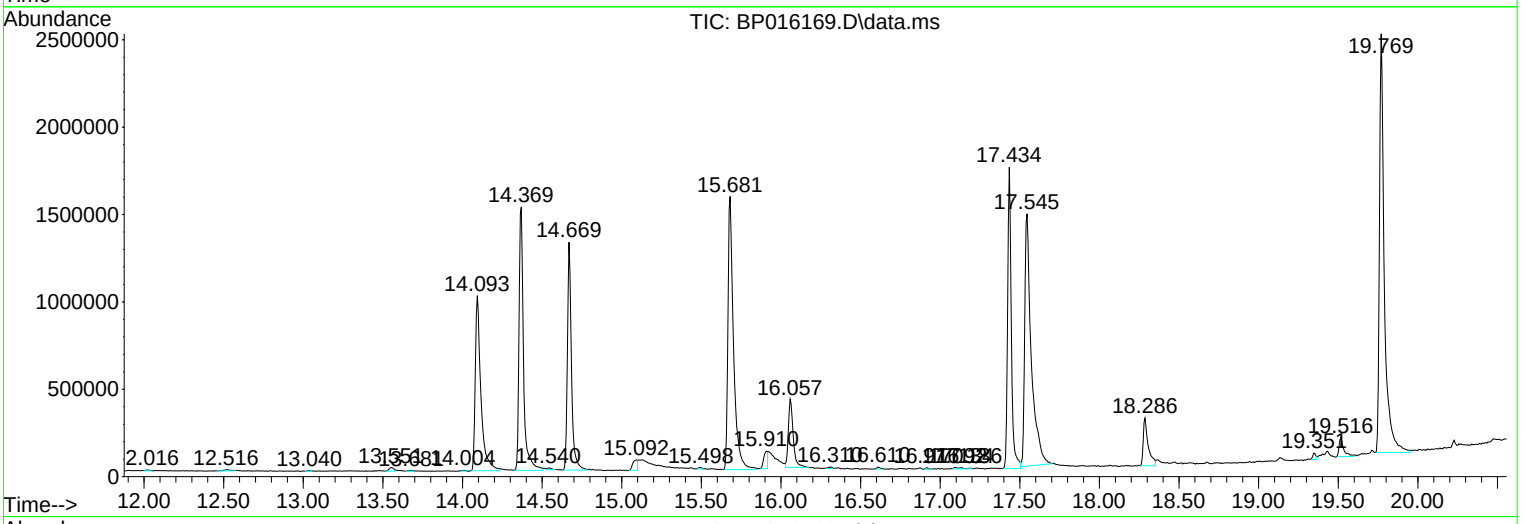
ALS Vial : 25 Sample Multiplier: 1

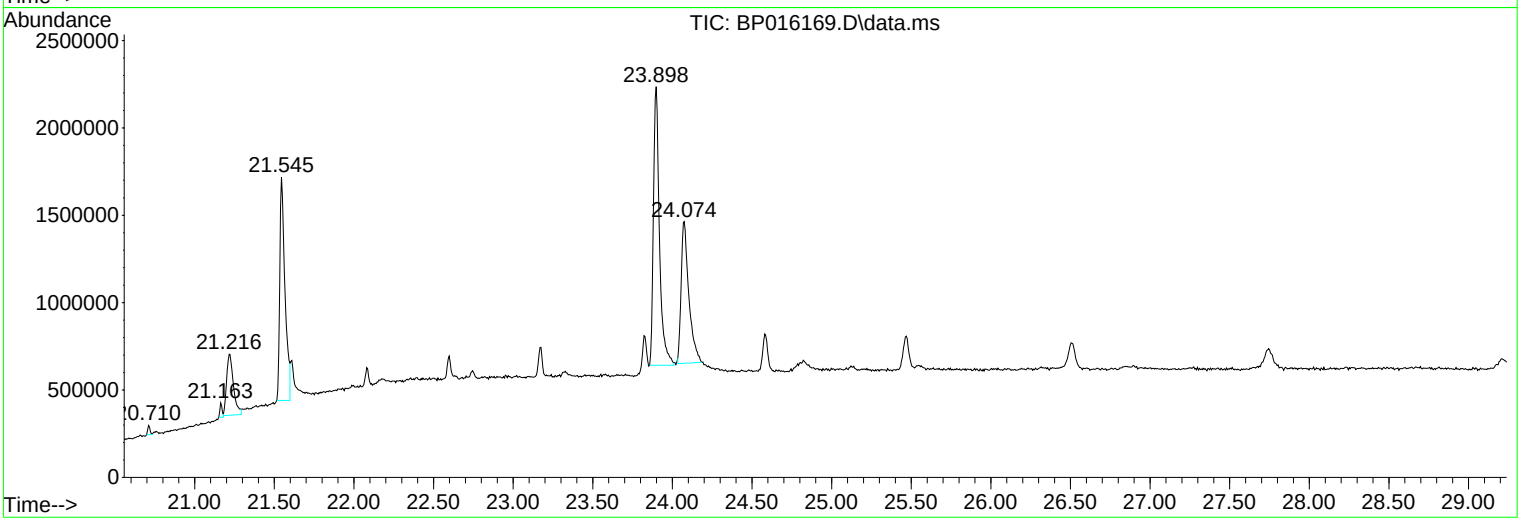
**Instrument :**
BNA_P
**ClientSampleId :**
YBW46

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

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



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Operator : MA/JU
Sample : 03404-10
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ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
YBW46

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

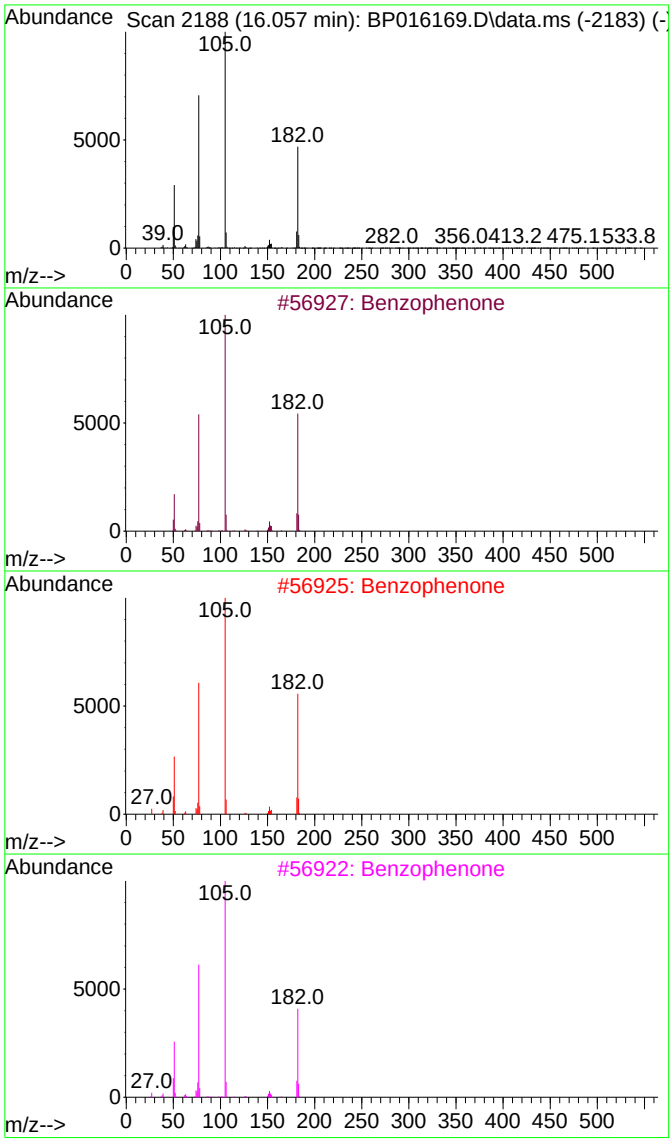
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

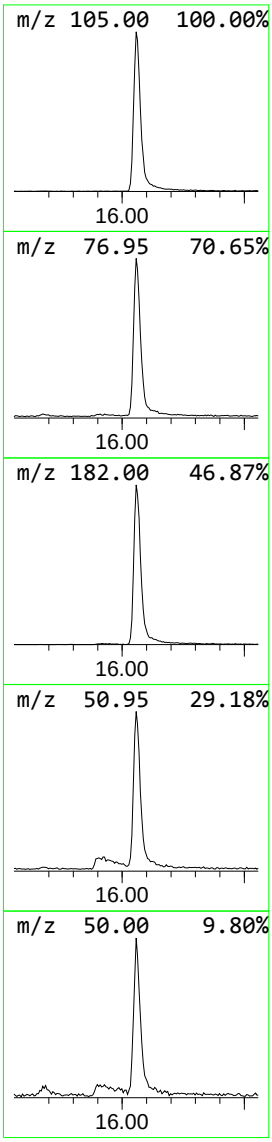
**********

Peak Number 1 Benzophenone Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.057 | 5.80 ng/ul | 813760 | Phenanthrene-d10 | 17.433 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 97 |
| 2 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 3 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 4 | Benzophenone | 182 | C13H10O | 000119-61-9 | 91 |
| 5 | Benzophenone | 182 | C13H10O | 000119-61-9 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016169.D
Acq On : 10 Jul 2023 22:39
Operator : MA/JU
Sample : 03404-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
YBW46

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

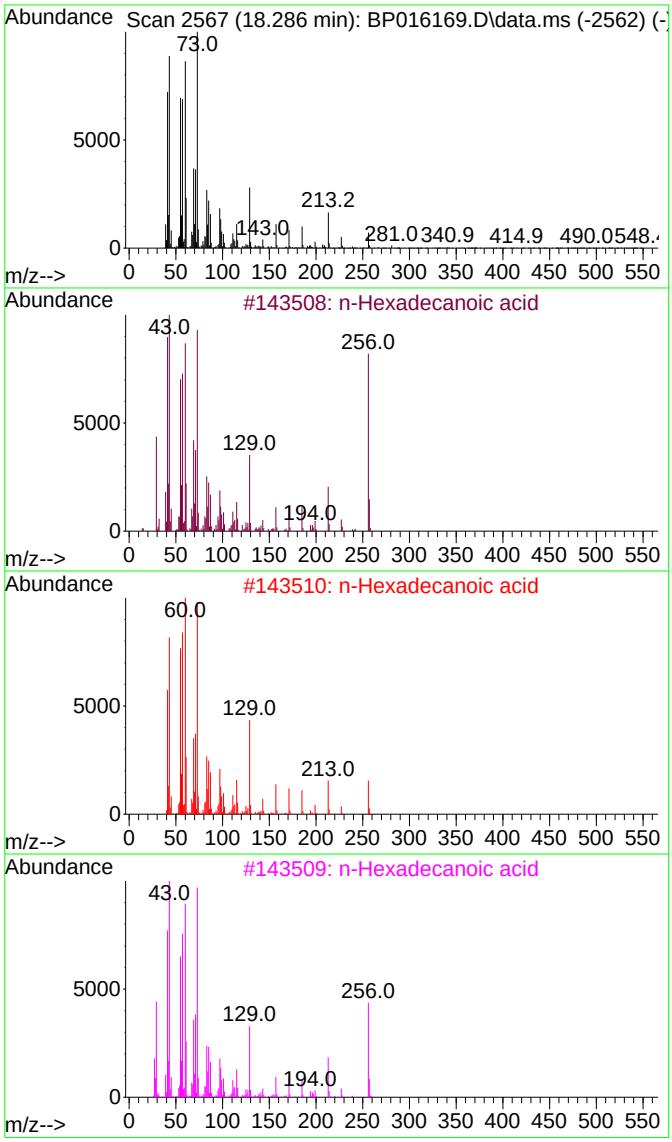
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

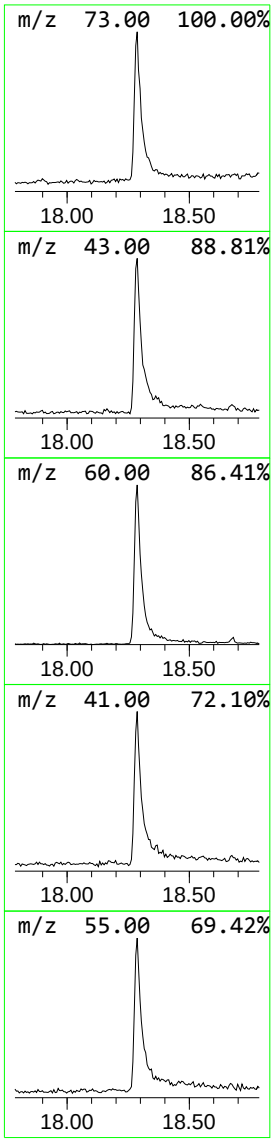
**********

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.286 | 4.23 ng/ul | 593618 | Phenanthrene-d10 | 17.433 |

| 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 | 98 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 4 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 95 |
| 5 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91 |



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Operator : MA/JU
Sample : 03404-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
YBW46

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

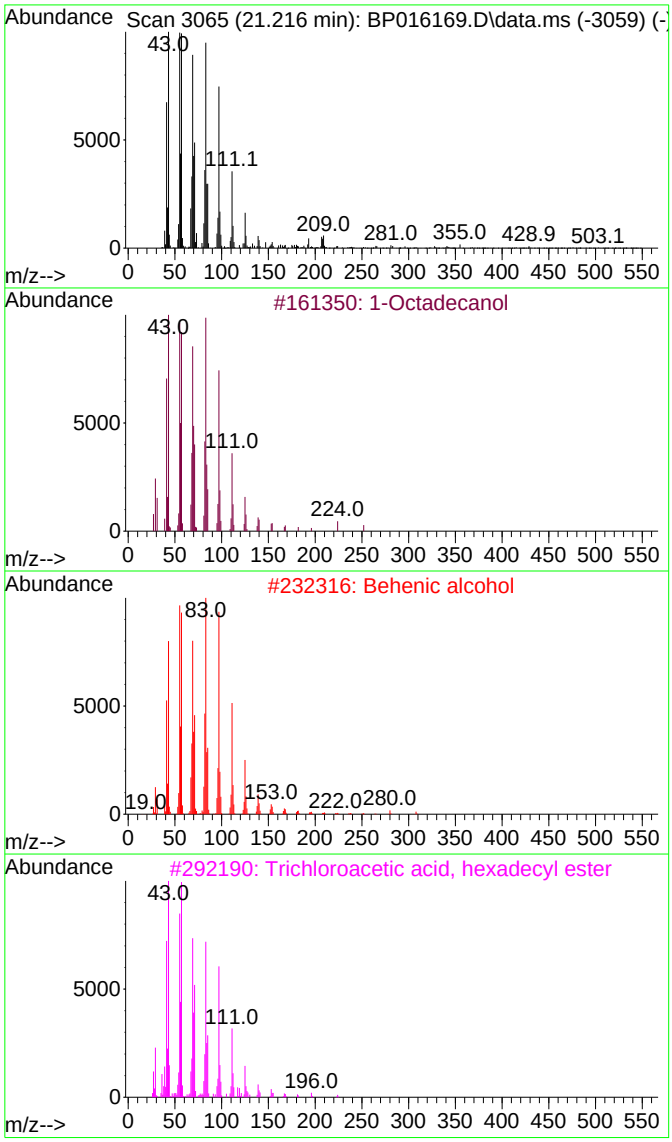
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

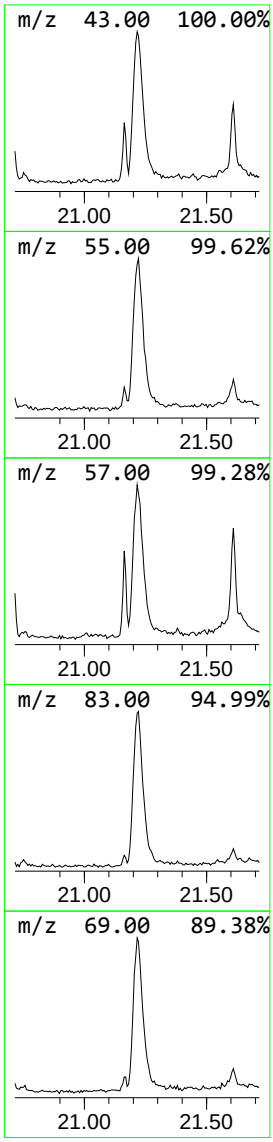
**********

Peak Number 3 1-Octadecanol Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.216 | 7.10 ng/ul | 1041460 | Chrysene-d12 | 21.545 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Octadecanol | 270 | C18H38O | 000112-92-5 | 94 |
| 2 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |
| 3 | Trichloroacetic acid, hexadecyl ... | 386 | C18H33Cl3O2 | 074339-54-1 | 93 |
| 4 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 91 |
| 5 | 2- Chloropropionic acid, pentade... | 318 | C18H35ClO2 | 1000292-44-1 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016169.D
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ALS Vial : 25 Sample Multiplier: 1

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BNA_P
**ClientSampleId :**
YBW46

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.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 |
| Benzophenone | 16.057 | 5.8 | ng/ul | 813760 | 4 | 17.433 | 2804730 | 20.0 |
| n-Hexadecanoic ... | 18.286 | 4.2 | ng/ul | 593618 | 4 | 17.433 | 2804730 | 20.0 |
| 1-Octadecanol | 21.216 | 7.1 | ng/ul | 1041460 | 5 | 21.545 | 2933770 | 20.0 |