LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016084.D
Acq On : 08 Jul 2023 10:09
Operator : MA/JU
Sample : 03332-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
YBTX2

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: BP016084.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.346 | 24 | 27 | 37 | rVB2 | 68391 | 109827 | 1.81% | 0.188% |
| 2 | 3.799 | 102 | 104 | 122 | rBV | 452900 | 961751 | 15.84% | 1.647% |
| 3 | 4.117 | 155 | 158 | 163 | rVB3 | 12088 | 17639 | 0.29% | 0.030% |
| 4 | 6.111 | 493 | 497 | 500 | rBV6 | 9744 | 19801 | 0.33% | 0.034% |
| 5 | 7.228 | 680 | 687 | 703 | rBV | 360152 | 1282570 | 21.12% | 2.196% |
| 6 | 7.358 | 703 | 709 | 717 | rBV | 405455 | 837574 | 13.79% | 1.434% |
| 7 | 7.564 | 737 | 744 | 768 | rBV | 564759 | 1417666 | 23.34% | 2.427% |
| 8 | 8.028 | 816 | 823 | 852 | rBV | 359358 | 1106124 | 18.21% | 1.894% |
| 9 | 8.216 | 852 | 855 | 858 | rVB5 | 4255 | 6503 | 0.11% | 0.011% |
| 10 | 8.787 | 944 | 952 | 982 | rBV | 436784 | 1692976 | 27.88% | 2.899% |
| 11 | 9.234 | 1020 | 1028 | 1061 | rBV | 491239 | 1483398 | 24.42% | 2.540% |
| 12 | 9.540 | 1076 | 1080 | 1084 | rVB4 | 11590 | 16830 | 0.28% | 0.029% |
| 13 | 9.969 | 1145 | 1153 | 1184 | rBV | 303084 | 1257332 | 20.70% | 2.153% |
| 14 | 10.558 | 1245 | 1253 | 1289 | rBV2 | 311032 | 1711419 | 28.18% | 2.930% |
| 15 | 10.858 | 1297 | 1304 | 1325 | rVB | 623961 | 1632054 | 26.87% | 2.794% |
| 16 | 11.058 | 1331 | 1338 | 1373 | rBV3 | 331206 | 1606006 | 26.44% | 2.750% |
| 17 | 12.040 | 1497 | 1505 | 1508 | rVB7 | 5762 | 11095 | 0.18% | 0.019% |
| 18 | 12.516 | 1580 | 1586 | 1587 | rBV6 | 9103 | 13014 | 0.21% | 0.022% |
| 19 | 13.052 | 1672 | 1677 | 1683 | rBV9 | 3732 | 8408 | 0.14% | 0.014% |
| 20 | 13.487 | 1745 | 1751 | 1758 | rBV6 | 11506 | 28155 | 0.46% | 0.048% |
| 21 | 13.563 | 1760 | 1764 | 1767 | rBV6 | 4653 | 7522 | 0.12% | 0.013% |
| 22 | 14.099 | 1846 | 1855 | 1880 | rBV | 1268682 | 3049165 | 50.21% | 5.221% |
| 23 | 14.375 | 1895 | 1902 | 1920 | rBV | 1987521 | 3523552 | 58.02% | 6.033% |
| 24 | 14.551 | 1929 | 1932 | 1938 | rVB5 | 15453 | 26898 | 0.44% | 0.046% |
| 25 | 14.681 | 1947 | 1954 | 1971 | rBV | 1254279 | 2256979 | 37.16% | 3.864% |
| 26 | 15.046 | 2008 | 2016 | 2049 | rBV4 | 109277 | 829513 | 13.66% | 1.420% |
| 27 | 15.446 | 2081 | 2084 | 2089 | rVB7 | 11529 | 17151 | 0.28% | 0.029% |
| 28 | 15.504 | 2091 | 2094 | 2101 | rVB5 | 12678 | 22978 | 0.38% | 0.039% |
| 29 | 15.687 | 2118 | 2125 | 2151 | rBV | 1929895 | 4421018 | 72.79% | 7.569% |
| 30 | 15.881 | 2152 | 2158 | 2183 | rVV2 | 207291 | 983524 | 16.19% | 1.684% |
| 31 | 16.063 | 2183 | 2189 | 2210 | rVB | 405249 | 728657 | 12.00% | 1.248% |
| 32 | 16.328 | 2230 | 2234 | 2237 | rVV3 | 11435 | 14987 | 0.25% | 0.026% |
| 33 | 16.369 | 2237 | 2241 | 2246 | rVB7 | 7802 | 13796 | 0.23% | 0.024% |
| 34 | 16.475 | 2254 | 2259 | 2263 | rBV7 | 6839 | 11159 | 0.18% | 0.019% |
| 35 | 16.616 | 2280 | 2283 | 2289 | rVB7 | 7646 | 10043 | 0.17% | 0.017% |
| 36 | 16.757 | 2305 | 2307 | 2313 | rVB7 | 7970 | 9564 | 0.16% | 0.016% |

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Sample : 03332-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
YBTX2

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

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Peak separation: 5

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

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 16.922 | 2332 | 2335 | 2340 | rVB5 | 10976 | 13133 | 0.22% | 0.022% |
| 38 | 17.110 | 2362 | 2367 | 2371 | rBV8 | 14134 | 24554 | 0.40% | 0.042% |
| 39 | 17.151 | 2371 | 2374 | 2378 | rVB5 | 9252 | 12768 | 0.21% | 0.022% |
| 40 | 17.340 | 2400 | 2406 | 2407 | rBV6 | 5946 | 10042 | 0.17% | 0.017% |
| 41 | 17.440 | 2417 | 2423 | 2435 | rBV | 1735778 | 2799505 | 46.10% | 4.793% |
| 42 | 17.551 | 2435 | 2442 | 2466 | rVV2 | 1814833 | 4779208 | 78.69% | 8.183% |
| 43 | 18.110 | 2534 | 2537 | 2539 | rBV3 | 7033 | 6469 | 0.11% | 0.011% |
| 44 | 18.292 | 2563 | 2568 | 2580 | rBV | 334302 | 730892 | 12.03% | 1.251% |
| 45 | 19.139 | 2709 | 2712 | 2719 | rBV4 | 65770 | 96852 | 1.59% | 0.166% |
| 46 | 19.351 | 2745 | 2748 | 2751 | rBV3 | 39533 | 46964 | 0.77% | 0.080% |
| 47 | 19.522 | 2773 | 2777 | 2786 | rBV | 148641 | 287579 | 4.74% | 0.492% |
| 48 | 19.775 | 2814 | 2820 | 2850 | rBV | 2974993 | 6073320 | 100.00% | 10.398% |
| 49 | 20.239 | 2896 | 2899 | 2902 | rBV | 51046 | 58633 | 0.97% | 0.100% |
| 50 | 20.722 | 2979 | 2981 | 2984 | rVB | 62196 | 48648 | 0.80% | 0.083% |
| 51 | 21.228 | 3061 | 3067 | 3076 | rBV | 549383 | 1298887 | 21.39% | 2.224% |
| 52 | 21.551 | 3116 | 3122 | 3131 | rBV | 1394785 | 3102215 | 51.08% | 5.311% |
| 53 | 23.904 | 3516 | 3522 | 3544 | rVB2 | 2034548 | 5043976 | 83.05% | 8.636% |
| 54 | 24.080 | 3546 | 3552 | 3574 | rVB | 935091 | 2825997 | 46.53% | 4.839% |

Sum of corrected areas: 58406290

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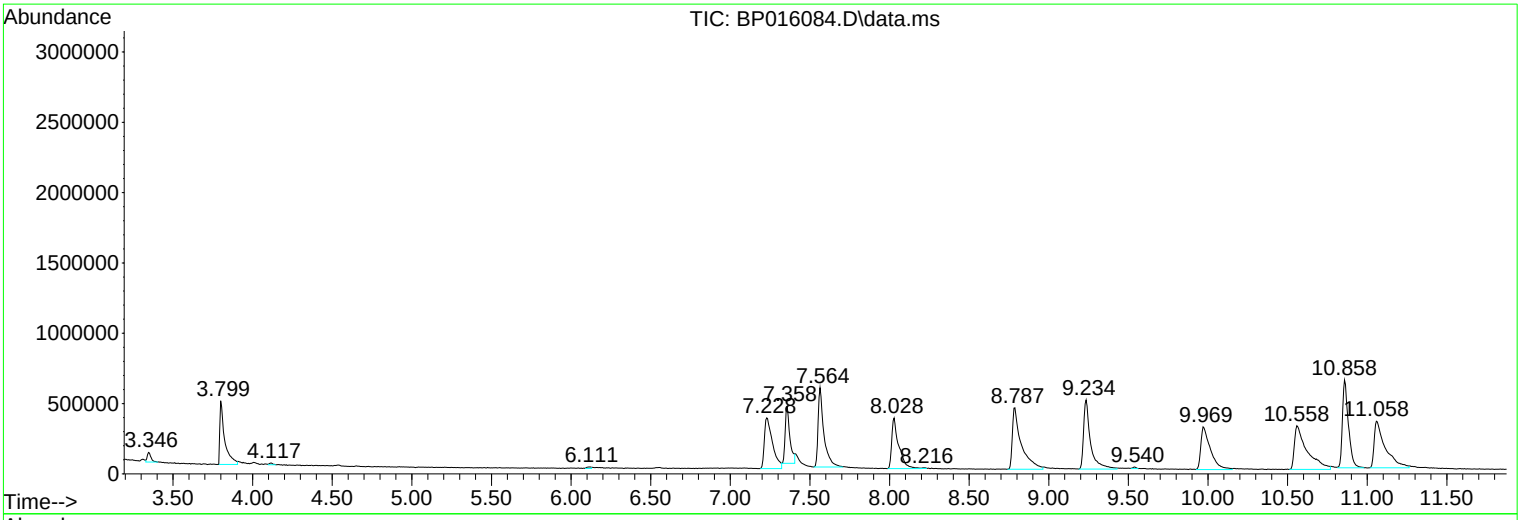
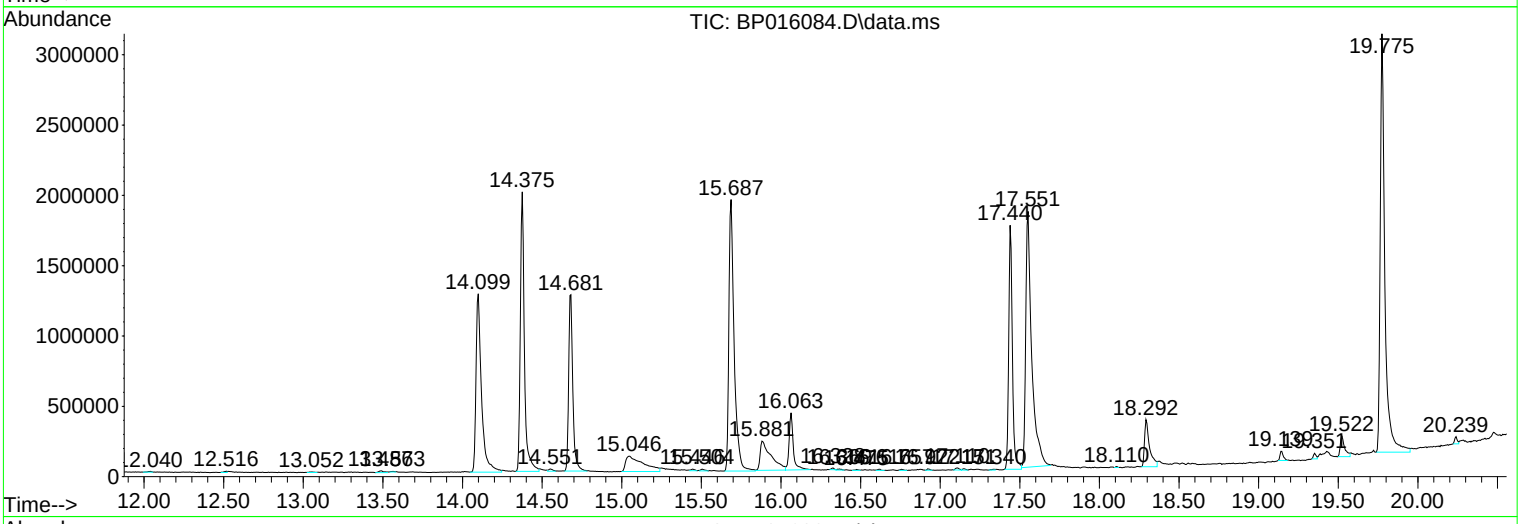
Sample : 03332-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

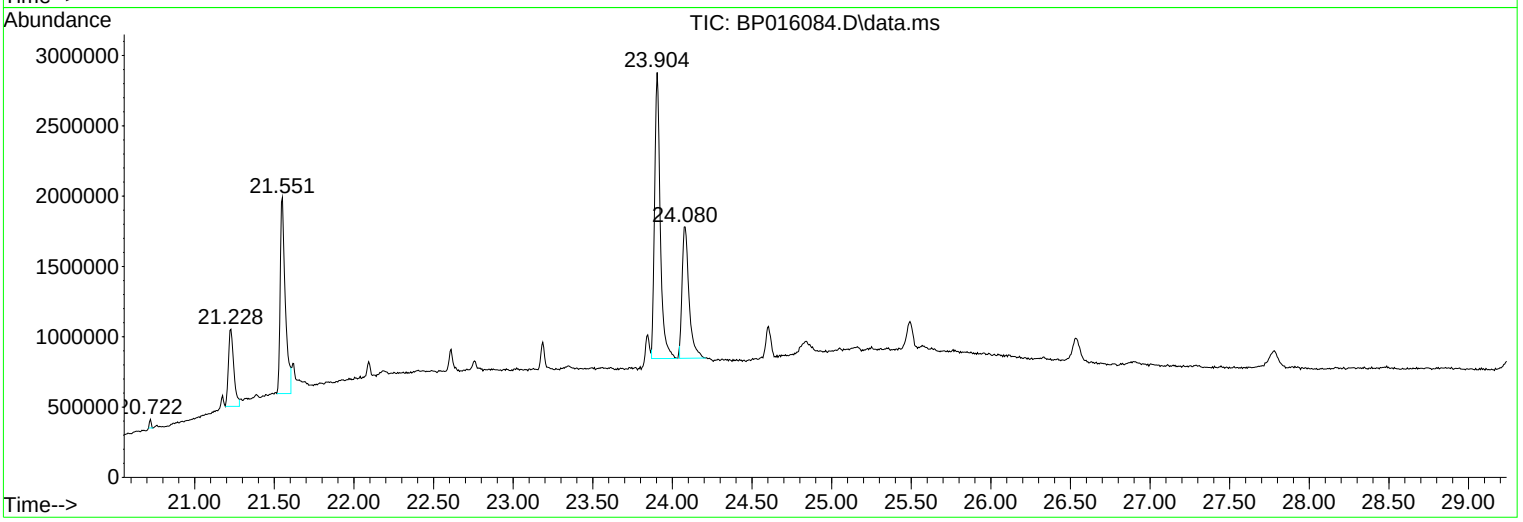
**Instrument :**
BNA_P
**ClientSampleId :**
YBTX2

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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Data File : BP016084.D
Acq On : 08 Jul 2023 10:09
Operator : MA/JU
Sample : 03332-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
YBTX2

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

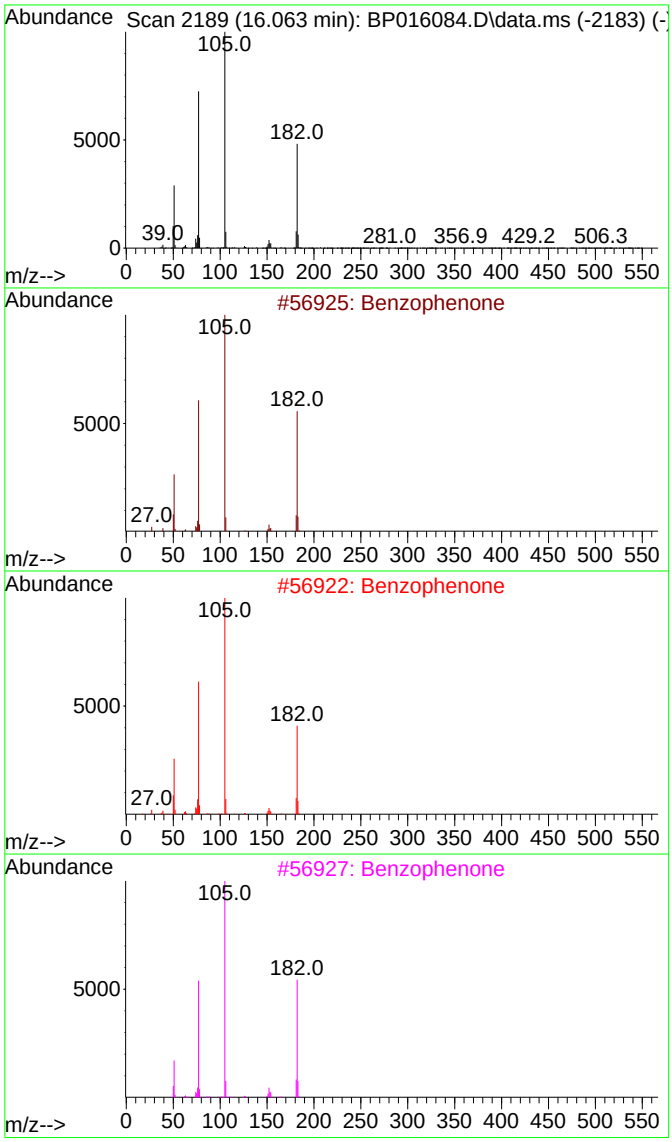
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

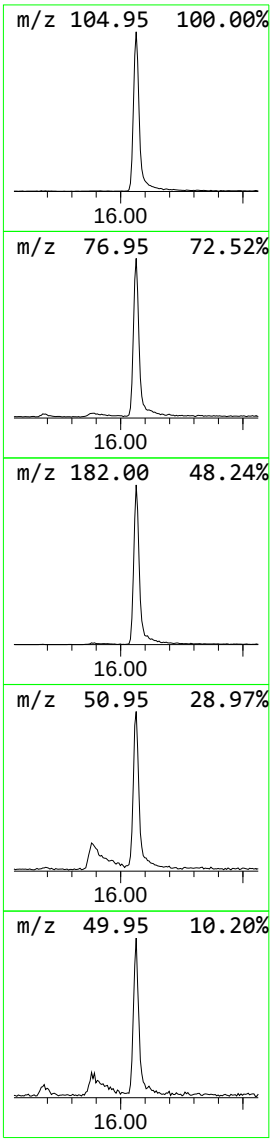
**********

Peak Number 1 Benzophenone Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.063 | 5.21 ng/ul | 728657 | Phenanthrene-d10 | 17.439 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 3 | Benzophenone | 182 | C13H10O | 000119-61-9 | 95 |
| 4 | Benzophenone | 182 | C13H10O | 000119-61-9 | 91 |
| 5 | Benzophenone | 182 | C13H10O | 000119-61-9 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016084.D
Acq On : 08 Jul 2023 10:09
Operator : MA/JU
Sample : 03332-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
YBTX2

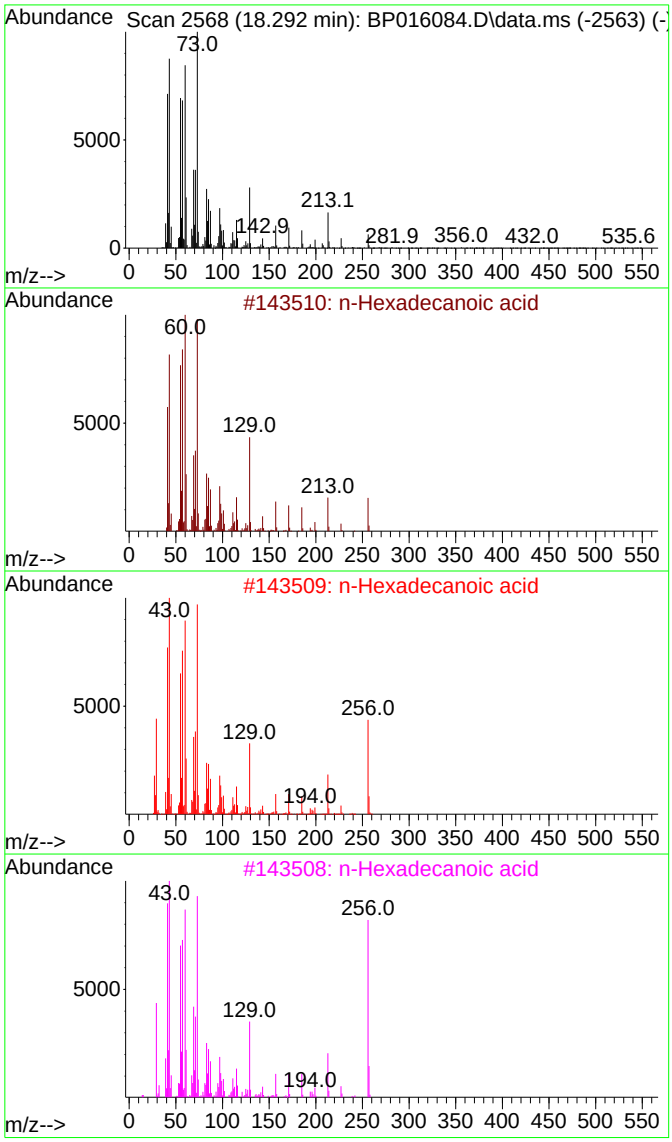
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

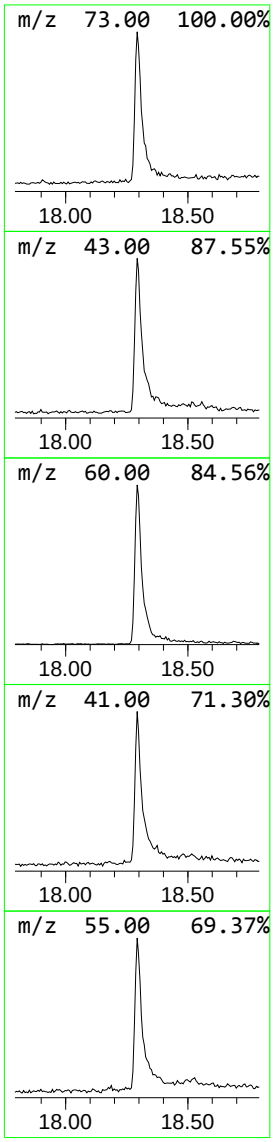
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.292 | 5.22 ng/ul | 730892 | Phenanthrene-d10 | 17.439 |

| 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 | 96 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 95 |
| 5 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016084.D
Acq On : 08 Jul 2023 10:09
Operator : MA/JU
Sample : 03332-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
YBTX2

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

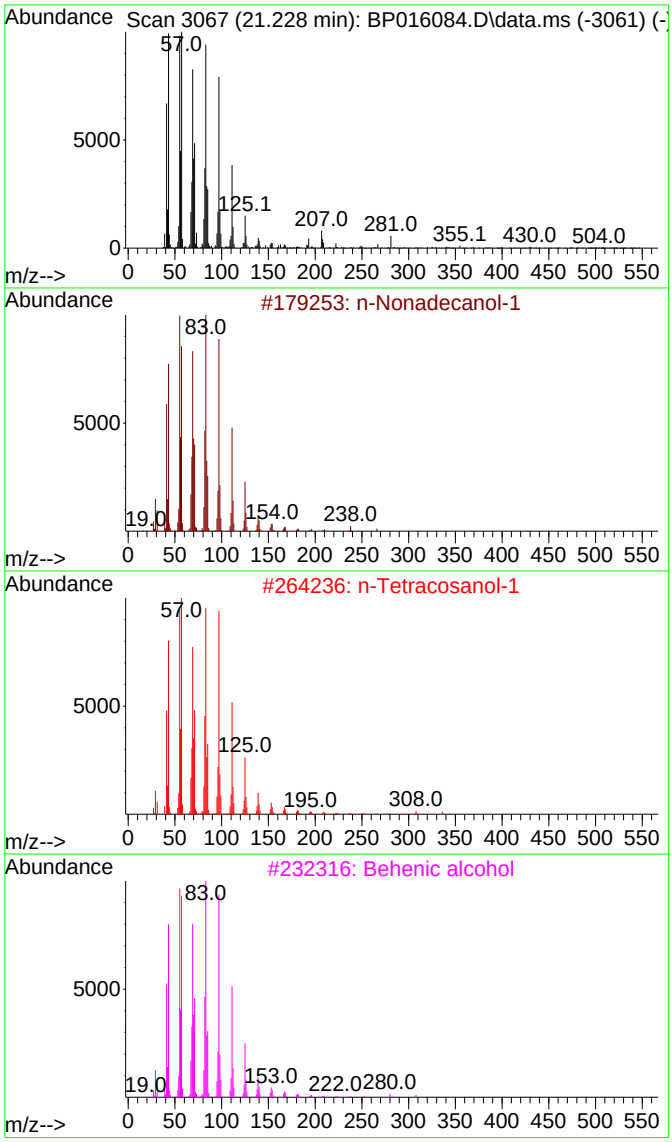
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

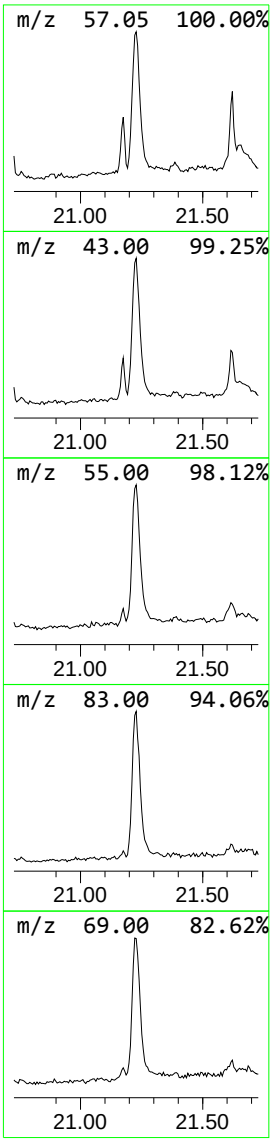
**********

Peak Number 3 n-Nonadecanol-1 Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.228 | 8.37 ng/ul | 1298890 | Chrysene-d12 | 21.551 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 94 |
| 2 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 3 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |
| 4 | Bromoacetic acid, octadecyl ester | 390 | C20H39BrO2 | 018992-03-5 | 94 |
| 5 | 1-Heneicosanol | 312 | C21H44O | 015594-90-8 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
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Operator : MA/JU
Sample : 03332-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
YBTX2

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 | 16.063 | 5.2 | ng/ul | 728657 | 4 | 17.439 | 2799510 | 20.0 |
| n-Hexadecanoic ... | 18.292 | 5.2 | ng/ul | 730892 | 4 | 17.439 | 2799510 | 20.0 |
| n-Nonadecanol-1 | 21.228 | 8.4 | ng/ul | 1298890 | 5 | 21.551 | 3102220 | 20.0 |