LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016087.D
Acq On : 08 Jul 2023 11:52
Operator : MA/JU
Sample : 03332-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
YBTX0

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: BP016087.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 | 35 | rVB | 53616 | 81770 | 1.32% | 0.137% |
| 2 | 3.799 | 102 | 104 | 129 | rBV | 478572 | 1053446 | 17.01% | 1.763% |
| 3 | 6.099 | 491 | 495 | 496 | rBV4 | 11628 | 11532 | 0.19% | 0.019% |
| 4 | 6.534 | 563 | 569 | 571 | rBV7 | 8432 | 16620 | 0.27% | 0.028% |
| 5 | 7.228 | 677 | 687 | 703 | rBV | 408251 | 1406888 | 22.71% | 2.354% |
| 6 | 7.357 | 703 | 709 | 716 | rBV | 412890 | 843618 | 13.62% | 1.412% |
| 7 | 7.563 | 737 | 744 | 763 | rBV | 587453 | 1416334 | 22.86% | 2.370% |
| 8 | 8.028 | 815 | 823 | 846 | rBV | 313204 | 952412 | 15.37% | 1.594% |
| 9 | 8.781 | 943 | 951 | 984 | rBV | 515099 | 1913917 | 30.90% | 3.203% |
| 10 | 9.228 | 1020 | 1027 | 1052 | rBV | 511979 | 1494939 | 24.13% | 2.502% |
| 11 | 9.534 | 1077 | 1079 | 1082 | rBV4 | 7410 | 8271 | 0.13% | 0.014% |
| 12 | 9.969 | 1144 | 1153 | 1178 | rBV | 326653 | 1282838 | 20.71% | 2.147% |
| 13 | 10.551 | 1244 | 1252 | 1292 | rBV | 355308 | 1816037 | 29.32% | 3.039% |
| 14 | 10.857 | 1297 | 1304 | 1322 | rVB | 546158 | 1406628 | 22.71% | 2.354% |
| 15 | 11.051 | 1330 | 1337 | 1370 | rBV | 351838 | 1664182 | 26.86% | 2.785% |
| 16 | 12.510 | 1580 | 1585 | 1586 | rBV5 | 9957 | 12686 | 0.20% | 0.021% |
| 17 | 13.475 | 1745 | 1749 | 1756 | rBV4 | 9049 | 16093 | 0.26% | 0.027% |
| 18 | 13.557 | 1756 | 1763 | 1771 | rBV3 | 23602 | 46894 | 0.76% | 0.078% |
| 19 | 13.922 | 1818 | 1825 | 1826 | rBV7 | 5240 | 9396 | 0.15% | 0.016% |
| 20 | 14.092 | 1847 | 1854 | 1884 | rBV | 1393455 | 3154152 | 50.92% | 5.278% |
| 21 | 14.375 | 1895 | 1902 | 1928 | rBV | 2057453 | 3727490 | 60.17% | 6.238% |
| 22 | 14.545 | 1928 | 1931 | 1940 | rVB6 | 20032 | 35340 | 0.57% | 0.059% |
| 23 | 14.634 | 1941 | 1946 | 1947 | rBV4 | 10432 | 13213 | 0.21% | 0.022% |
| 24 | 14.675 | 1947 | 1953 | 1975 | rVB | 1119628 | 1951037 | 31.50% | 3.265% |
| 25 | 15.022 | 2002 | 2012 | 2026 | rBV3 | 158118 | 791935 | 12.78% | 1.325% |
| 26 | 15.439 | 2081 | 2083 | 2088 | rVB5 | 12226 | 16380 | 0.26% | 0.027% |
| 27 | 15.504 | 2090 | 2094 | 2100 | rVB5 | 12977 | 21770 | 0.35% | 0.036% |
| 28 | 15.681 | 2117 | 2124 | 2142 | rBV | 2087925 | 4571878 | 73.80% | 7.651% |
| 29 | 15.875 | 2151 | 2157 | 2182 | rBV2 | 265961 | 1194208 | 19.28% | 1.998% |
| 30 | 16.057 | 2182 | 2188 | 2203 | rVB | 516905 | 876932 | 14.16% | 1.467% |
| 31 | 16.322 | 2231 | 2233 | 2236 | rVB3 | 8250 | 6988 | 0.11% | 0.012% |
| 32 | 16.469 | 2254 | 2258 | 2263 | rBV8 | 4570 | 9333 | 0.15% | 0.016% |
| 33 | 16.610 | 2277 | 2282 | 2291 | rBV2 | 41991 | 65519 | 1.06% | 0.110% |
| 34 | 16.698 | 2294 | 2297 | 2303 | rVV7 | 6860 | 10643 | 0.17% | 0.018% |
| 35 | 16.751 | 2303 | 2306 | 2310 | rVB5 | 7264 | 10932 | 0.18% | 0.018% |
| 36 | 16.922 | 2332 | 2335 | 2339 | rBV5 | 11706 | 14473 | 0.23% | 0.024% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
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Acq On : 08 Jul 2023 11:52
Operator : MA/JU
Sample : 03332-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** YBTX0

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

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 17.098 | 2362 | 2365 | 2369 | rBV6 | 13946 | 17936 | 0.29% | 0.030% |
| 38 | 17.145 | 2370 | 2373 | 2378 | rVB | 22781 | 25642 | 0.41% | 0.043% |
| 39 | 17.233 | 2386 | 2388 | 2396 | rVB7 | 9304 | 15986 | 0.26% | 0.027% |
| 40 | 17.328 | 2403 | 2404 | 2413 | rVB9 | 6103 | 11368 | 0.18% | 0.019% |
| 41 | 17.439 | 2417 | 2423 | 2435 | rBV | 1515037 | 2414382 | 38.97% | 4.040% |
| 42 | 17.551 | 2435 | 2442 | 2465 | rVV2 | 2000300 | 4998044 | 80.68% | 8.364% |
| 43 | 18.292 | 2563 | 2568 | 2580 | rBV | 438000 | 883636 | 14.26% | 1.479% |
| 44 | 18.551 | 2610 | 2612 | 2616 | rBV4 | 13116 | 18698 | 0.30% | 0.031% |
| 45 | 19.139 | 2709 | 2712 | 2721 | rVB2 | 65175 | 108810 | 1.76% | 0.182% |
| 46 | 19.351 | 2745 | 2748 | 2750 | rBV2 | 43968 | 52692 | 0.85% | 0.088% |
| 47 | 19.380 | 2750 | 2753 | 2755 | rBV2 | 63619 | 79184 | 1.28% | 0.133% |
| 48 | 19.404 | 2755 | 2757 | 2759 | rVV2 | 47208 | 53035 | 0.86% | 0.089% |
| 49 | 19.516 | 2772 | 2776 | 2784 | rBV | 276833 | 449239 | 7.25% | 0.752% |
| 50 | 19.774 | 2814 | 2820 | 2836 | rBV | 3435757 | 6194703 | 100.00% | 10.367% |
| 51 | 20.469 | 2934 | 2938 | 2947 | rBV | 363822 | 688262 | 11.11% | 1.152% |
| 52 | 21.227 | 3062 | 3067 | 3076 | rVB | 463525 | 951737 | 15.36% | 1.593% |
| 53 | 21.545 | 3116 | 3121 | 3131 | rBV2 | 1210653 | 2702313 | 43.62% | 4.522% |
| 54 | 23.904 | 3515 | 3522 | 3542 | rVB2 | 2244574 | 5750260 | 92.83% | 9.623% |
| 55 | 24.080 | 3546 | 3552 | 3565 | rVB | 849023 | 2414284 | 38.97% | 4.040% |

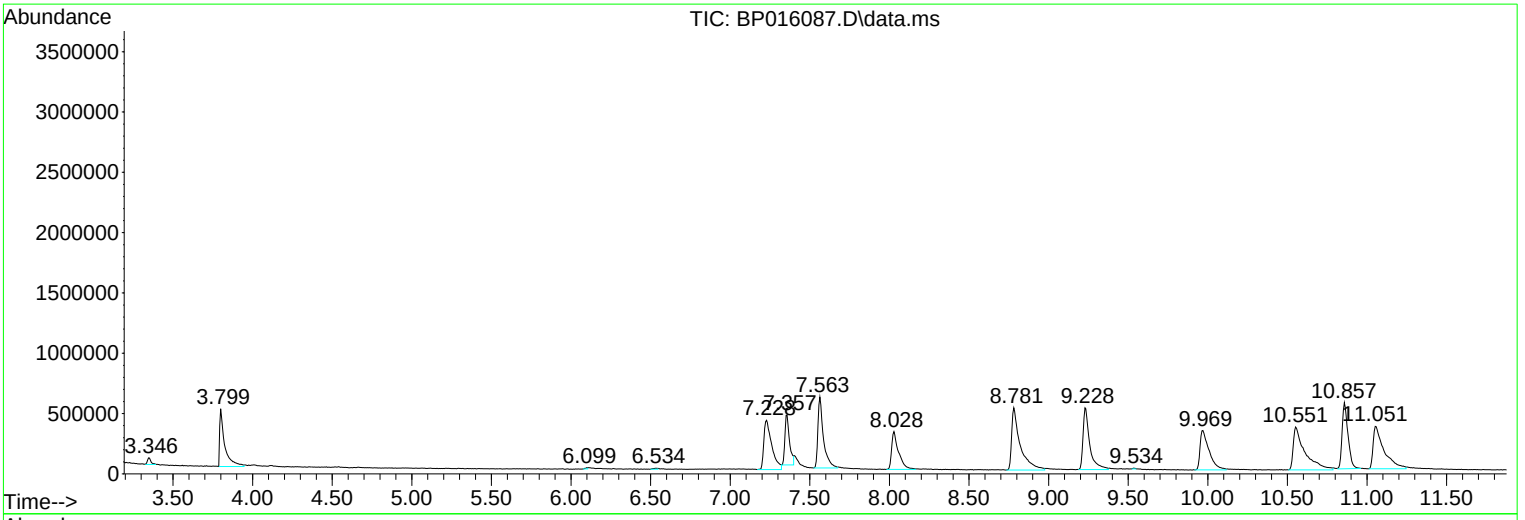
Sum of corrected areas: 59756935

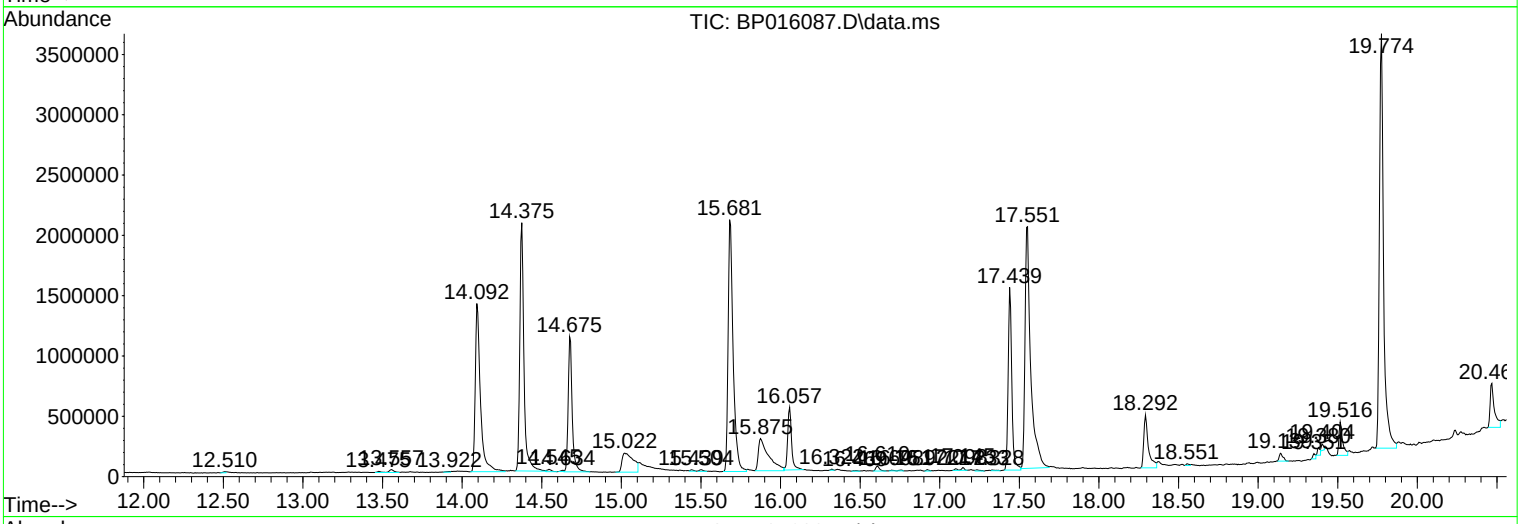
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016087.D
Acq On : 08 Jul 2023 11:52
Operator : MA/JU
Sample : 03332-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

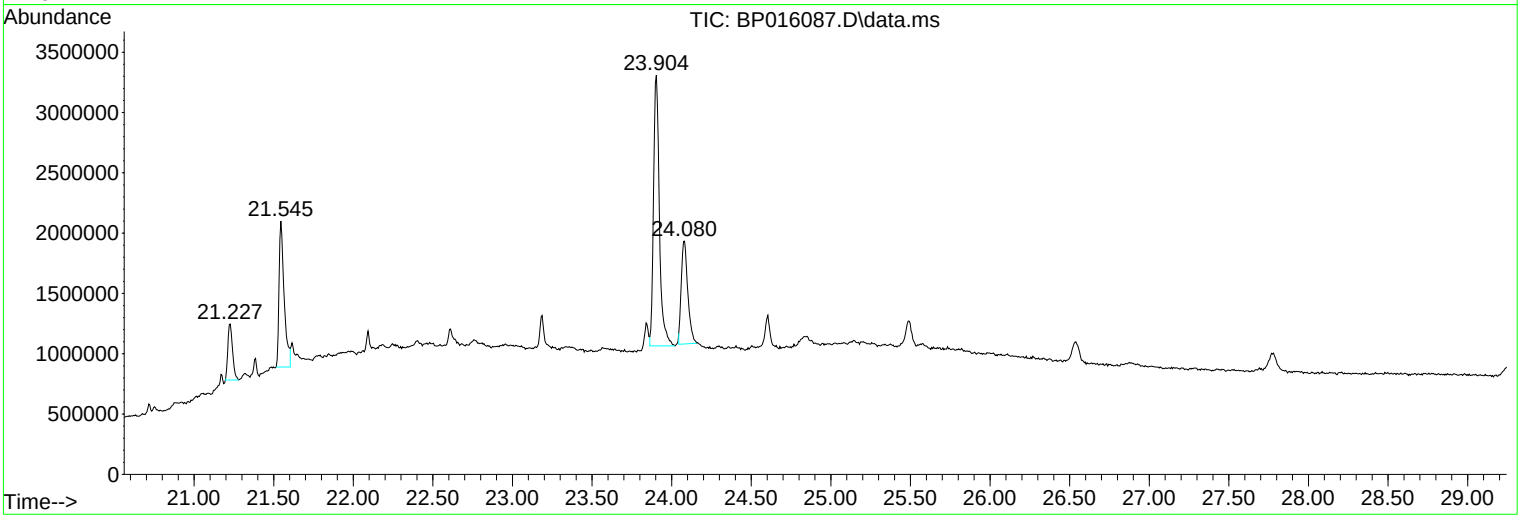
**Instrument :**
BNA_P
**ClientSampleId :**
YBTX0

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016087.D
Acq On : 08 Jul 2023 11:52
Operator : MA/JU
Sample : 03332-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
YBTX0

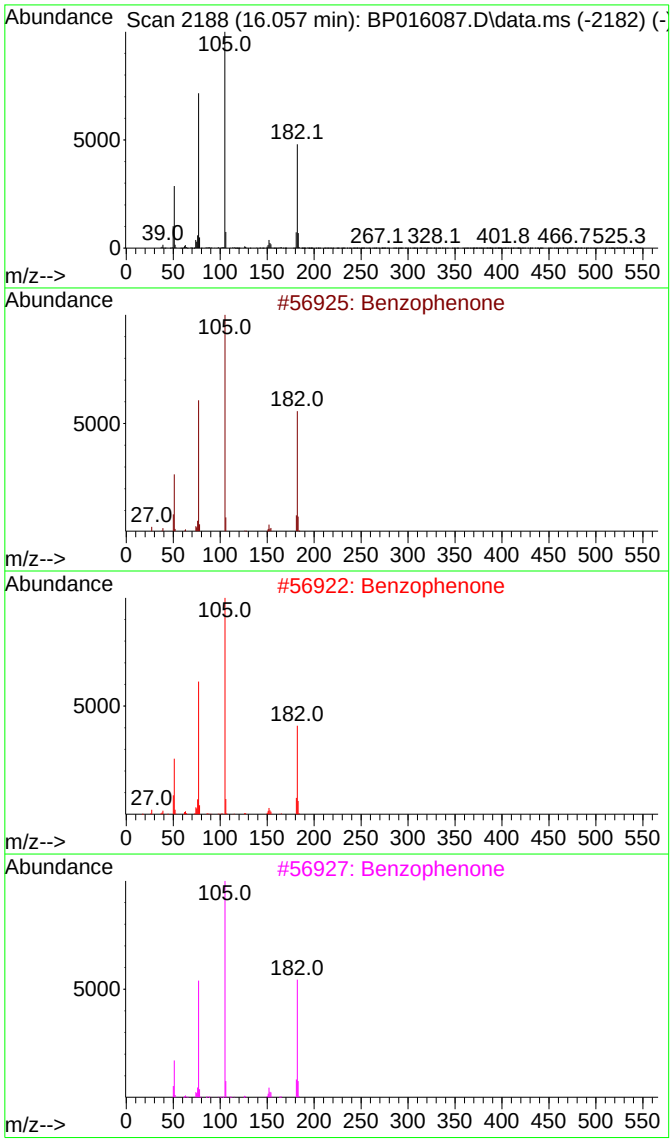
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

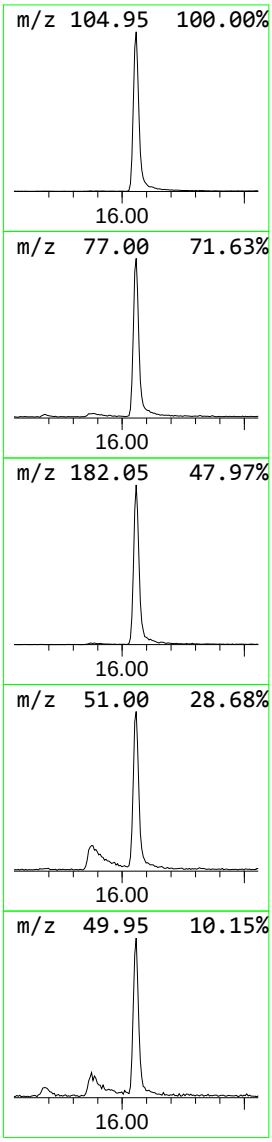
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Benzophenone Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.057 | 7.26 ng/ul | 876932 | 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 : BP016087.D
Acq On : 08 Jul 2023 11:52
Operator : MA/JU
Sample : 03332-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
YBTX0

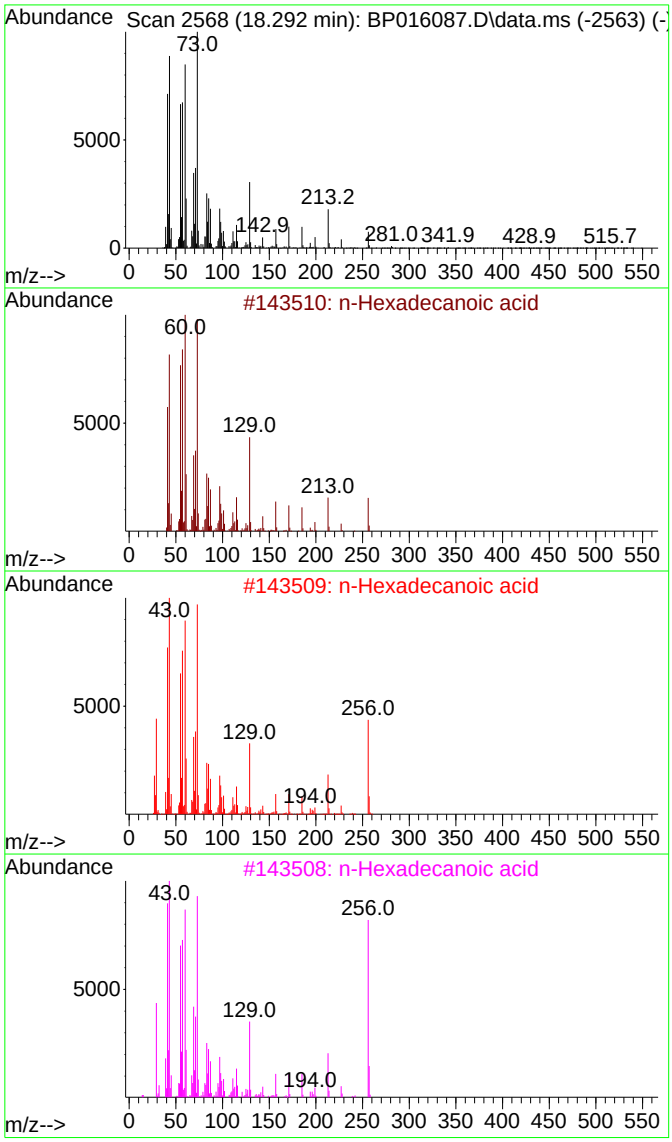
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

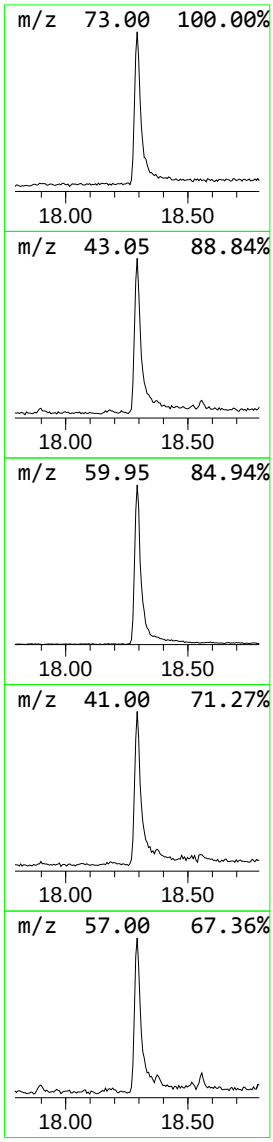
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.292 | 7.32 ng/ul | 883636 | 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 | 98 |
| 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\BP070823\
Data File : BP016087.D
Acq On : 08 Jul 2023 11:52
Operator : MA/JU
Sample : 03332-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
YBTX0

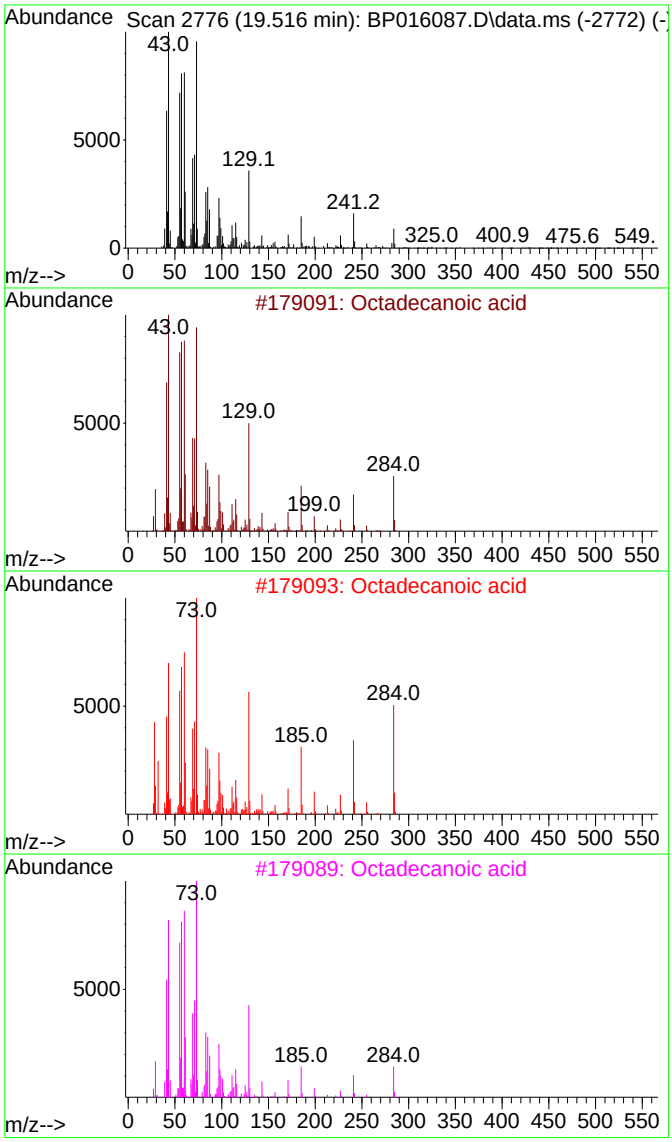
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

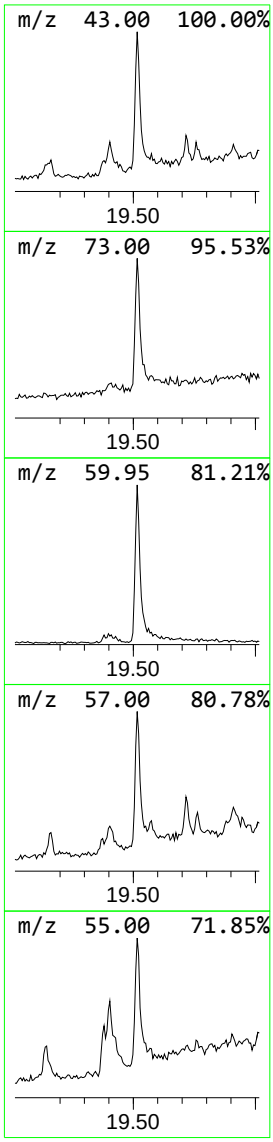
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Octadecanoic acid Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.516 | 3.32 ng/ul | 449239 | Chrysene-d12 | 21.545 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 2 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 99 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 98 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016087.D
Acq On : 08 Jul 2023 11:52
Operator : MA/JU
Sample : 03332-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
YBTX0

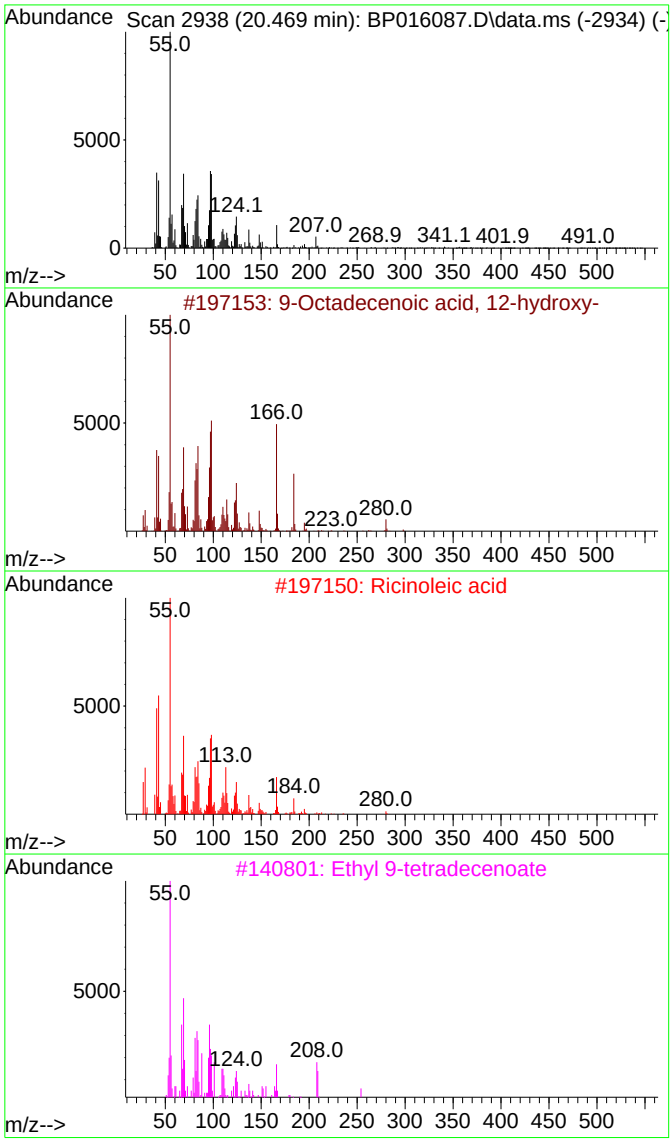
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

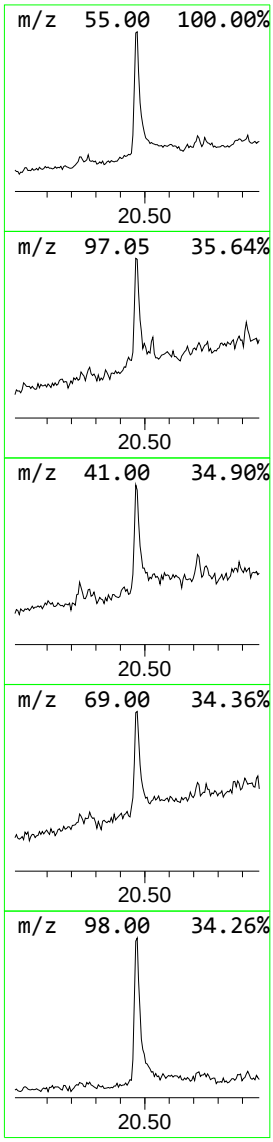
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 9-Octadecenoic acid, 12-hyd... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.468 | 5.09 ng/ul | 688262 | Chrysene-d12 | 21.545 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Octadecenoic acid, 12-hydroxy- | 298 | C18H34O3 | 007431-95-0 | 90 |
| 2 | Ricinoleic acid | 298 | C18H34O3 | 000141-22-0 | 83 |
| 3 | Ethyl 9-tetradecenoate | 254 | C16H30O2 | 1000336-60-8 | 64 |
| 4 | Ethyl 9-hexadecenoate | 282 | C18H34O2 | 054546-22-4 | 64 |
| 5 | Chloromethyl 8-chloroundecanoate | 268 | C12H22Cl2O2 | 080418-94-6 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016087.D
Acq On : 08 Jul 2023 11:52
Operator : MA/JU
Sample : 03332-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
YBTX0

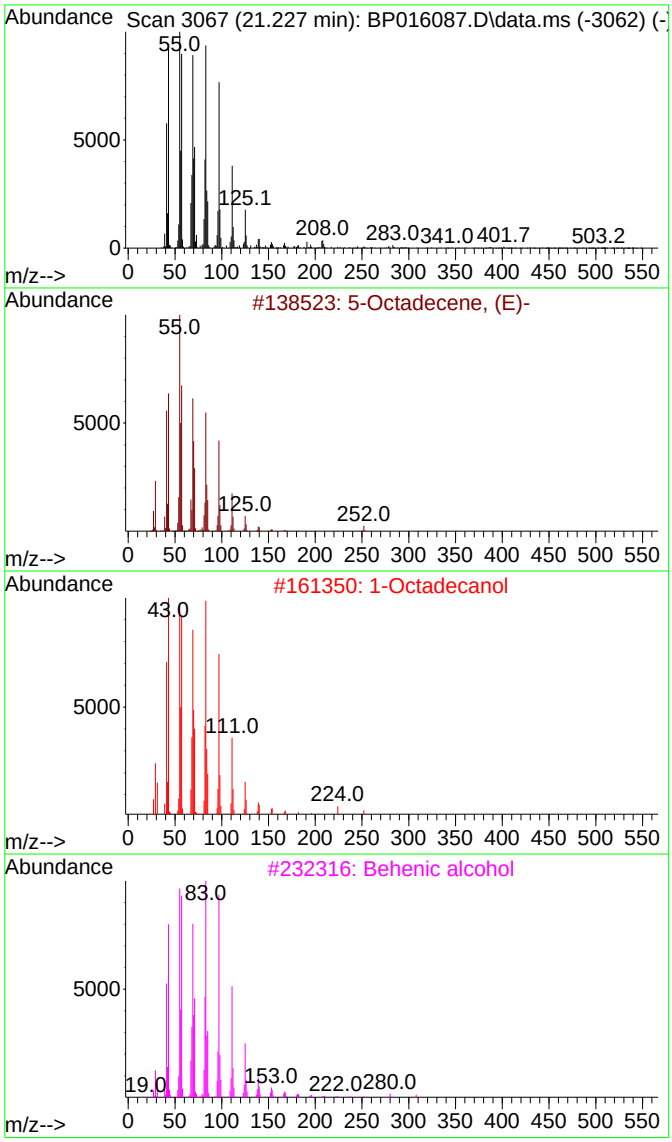
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION

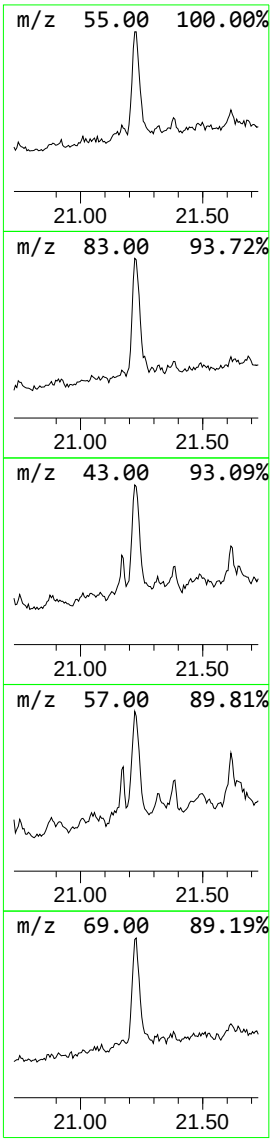
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.227 | 7.04 ng/ul | 951737 | Chrysene-d12 | 21.545 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 5-Octadecene, (E)- | 252 | C18H36 | 007206-21-5 | 94 |
| 2 | 1-Octadecanol | 270 | C18H38O | 000112-92-5 | 94 |
| 3 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94 |
| 4 | 1-Tricosene | 322 | C23H46 | 018835-32-0 | 94 |
| 5 | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 94 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
Data File : BP016087.D
Acq On : 08 Jul 2023 11:52
Operator : MA/JU
Sample : 03332-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
YBTX0

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 | 7.3 | ng/ul | 876932 | 4 | 17.439 | 2414380 | 20.0 |
| n-Hexadecanoic ... | 18.292 | 7.3 | ng/ul | 883636 | 4 | 17.439 | 2414380 | 20.0 |
| Octadecanoic acid | 19.516 | 3.3 | ng/ul | 449239 | 5 | 21.545 | 2702310 | 20.0 |
| 9-Octadecenoic ... | 20.468 | 5.1 | ng/ul | 688262 | 5 | 21.545 | 2702310 | 20.0 |
| (DEL) Alkane: S... | 21.227 | 7.0 | ng/ul | 951737 | 5 | 21.545 | 2702310 | 20.0 |