LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023476.D
Acq On : 17 Dec 2024 21:36
Operator : RC/JU
Sample : P5258-20
Misc :
ALS Vial : 50 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** E28Y3

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-BP112624.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP023476.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.093 | 15 | 18 | 28 | rVB | 49287 | 67760 | 1.51% | 0.117% |
| 2 | 3.510 | 85 | 89 | 106 | rBV | 444807 | 794207 | 17.70% | 1.369% |
| 3 | 3.816 | 137 | 141 | 147 | rVB | 15963 | 25330 | 0.56% | 0.044% |
| 4 | 5.957 | 502 | 505 | 508 | rBV5 | 3409 | 4829 | 0.11% | 0.008% |
| 5 | 6.240 | 549 | 553 | 557 | rBV7 | 3241 | 5098 | 0.11% | 0.009% |
| 6 | 6.675 | 620 | 627 | 633 | rBV7 | 6294 | 13506 | 0.30% | 0.023% |
| 7 | 6.746 | 633 | 639 | 657 | rBV | 545018 | 1188039 | 26.48% | 2.047% |
| 8 | 6.881 | 657 | 662 | 676 | rVB | 589960 | 917929 | 20.46% | 1.582% |
| 9 | 7.081 | 689 | 696 | 711 | rBV | 644515 | 1122197 | 25.01% | 1.934% |
| 10 | 7.528 | 766 | 772 | 782 | rBV | 924010 | 1500295 | 33.44% | 2.586% |
| 11 | 8.251 | 889 | 895 | 913 | rBV | 691930 | 1411396 | 31.46% | 2.432% |
| 12 | 8.675 | 960 | 967 | 986 | rBV | 605761 | 1138961 | 25.38% | 1.963% |
| 13 | 8.840 | 989 | 995 | 1005 | rVB | 9535 | 26057 | 0.58% | 0.045% |
| 14 | 9.051 | 1027 | 1031 | 1036 | rBV2 | 16015 | 23541 | 0.52% | 0.041% |
| 15 | 9.240 | 1059 | 1063 | 1071 | rVV | 24207 | 47713 | 1.06% | 0.082% |
| 16 | 9.387 | 1081 | 1088 | 1104 | rBV | 512171 | 954362 | 21.27% | 1.645% |
| 17 | 9.587 | 1119 | 1122 | 1130 | rVB10 | 2530 | 6060 | 0.14% | 0.010% |
| 18 | 9.934 | 1174 | 1181 | 1205 | rBV | 663816 | 1490967 | 33.23% | 2.569% |
| 19 | 10.087 | 1205 | 1207 | 1211 | rVB4 | 4667 | 6001 | 0.13% | 0.010% |
| 20 | 10.275 | 1228 | 1239 | 1245 | rBV | 1281498 | 2120828 | 47.27% | 3.655% |
| 21 | 10.328 | 1245 | 1248 | 1253 | rVV3 | 27564 | 48449 | 1.08% | 0.083% |
| 22 | 10.369 | 1253 | 1255 | 1259 | rVV5 | 5851 | 10014 | 0.22% | 0.017% |
| 23 | 10.428 | 1259 | 1265 | 1287 | rVV | 520805 | 1207743 | 26.92% | 2.081% |
| 24 | 10.734 | 1315 | 1317 | 1323 | rVB7 | 4659 | 6646 | 0.15% | 0.011% |
| 25 | 11.269 | 1406 | 1408 | 1415 | rBV8 | 3196 | 5818 | 0.13% | 0.010% |
| 26 | 11.481 | 1439 | 1444 | 1448 | rBV4 | 5186 | 7240 | 0.16% | 0.012% |
| 27 | 11.686 | 1474 | 1479 | 1483 | rBV3 | 11829 | 19761 | 0.44% | 0.034% |
| 28 | 11.786 | 1493 | 1496 | 1500 | rBV3 | 7320 | 11625 | 0.26% | 0.020% |
| 29 | 11.875 | 1507 | 1511 | 1520 | rVB7 | 9020 | 20483 | 0.46% | 0.035% |
| 30 | 12.563 | 1624 | 1628 | 1633 | rVB6 | 6305 | 9164 | 0.20% | 0.016% |
| 31 | 12.651 | 1638 | 1643 | 1650 | rVB9 | 9383 | 17016 | 0.38% | 0.029% |
| 32 | 12.951 | 1685 | 1694 | 1699 | rBV | 30604 | 51535 | 1.15% | 0.089% |
| 33 | 13.104 | 1716 | 1720 | 1726 | rVB7 | 5355 | 9957 | 0.22% | 0.017% |
| 34 | 13.181 | 1726 | 1733 | 1741 | rBV4 | 13101 | 36145 | 0.81% | 0.062% |
| 35 | 13.557 | 1788 | 1797 | 1810 | rBV | 1337113 | 2269565 | 50.58% | 3.911% |
| 36 | 13.728 | 1823 | 1826 | 1832 | rVB8 | 5170 | 8412 | 0.19% | 0.014% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023476.D
Acq On : 17 Dec 2024 21:36
Operator : RC/JU
Sample : P5258-20
Misc :
ALS Vial : 50 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E28Y3

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-BP112624.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 13.828 | 1836 | 1843 | 1859 | rVV2 | 1491197 | 2652531 | 59.12% | 4.571% |
| 38 | 13.975 | 1864 | 1868 | 1870 | rVB5 | 3516 | 4853 | 0.11% | 0.008% |
| 39 | 14.039 | 1875 | 1879 | 1886 | rVB | 27189 | 36607 | 0.82% | 0.063% |
| 40 | 14.139 | 1889 | 1896 | 1908 | rBV | 2226225 | 3141993 | 70.02% | 5.415% |
| 41 | 14.445 | 1942 | 1948 | 1970 | rBV | 204663 | 864644 | 19.27% | 1.490% |
| 42 | 14.945 | 2030 | 2033 | 2038 | rVB4 | 6841 | 10975 | 0.24% | 0.019% |
| 43 | 15.004 | 2038 | 2043 | 2049 | rVB4 | 19487 | 34581 | 0.77% | 0.060% |
| 44 | 15.092 | 2056 | 2058 | 2062 | rBV5 | 3400 | 5435 | 0.12% | 0.009% |
| 45 | 15.151 | 2062 | 2068 | 2081 | rVV | 2443301 | 3451884 | 76.93% | 5.949% |
| 46 | 15.322 | 2091 | 2097 | 2108 | rBV | 304935 | 575776 | 12.83% | 0.992% |
| 47 | 15.522 | 2126 | 2131 | 2147 | rVB | 757919 | 1032023 | 23.00% | 1.779% |
| 48 | 15.886 | 2189 | 2193 | 2195 | rBV2 | 22385 | 32388 | 0.72% | 0.056% |
| 49 | 16.063 | 2220 | 2223 | 2225 | rBV4 | 4441 | 5195 | 0.12% | 0.009% |
| 50 | 16.116 | 2227 | 2232 | 2236 | rVV5 | 17931 | 25611 | 0.57% | 0.044% |
| 51 | 16.351 | 2268 | 2272 | 2278 | rBV4 | 16113 | 28466 | 0.63% | 0.049% |
| 52 | 16.698 | 2328 | 2331 | 2335 | rBV2 | 23814 | 34038 | 0.76% | 0.059% |
| 53 | 16.833 | 2350 | 2354 | 2355 | rBV4 | 3903 | 5585 | 0.12% | 0.010% |
| 54 | 16.863 | 2355 | 2359 | 2364 | rVB7 | 15791 | 26164 | 0.58% | 0.045% |
| 55 | 16.945 | 2366 | 2373 | 2384 | rVV | 2772589 | 4037898 | 89.99% | 6.959% |
| 56 | 17.045 | 2384 | 2390 | 2403 | rVV | 2456291 | 3667385 | 81.73% | 6.320% |
| 57 | 17.139 | 2403 | 2406 | 2409 | rVV5 | 11648 | 16236 | 0.36% | 0.028% |
| 58 | 17.180 | 2409 | 2413 | 2420 | rVB6 | 33415 | 46923 | 1.05% | 0.081% |
| 59 | 17.369 | 2441 | 2445 | 2447 | rBV5 | 8416 | 12767 | 0.28% | 0.022% |
| 60 | 17.463 | 2457 | 2461 | 2465 | rBV | 23228 | 30110 | 0.67% | 0.052% |
| 61 | 17.639 | 2488 | 2491 | 2494 | rVB5 | 13274 | 14972 | 0.33% | 0.026% |
| 62 | 17.757 | 2507 | 2511 | 2516 | rBV7 | 14041 | 27572 | 0.61% | 0.048% |
| 63 | 17.821 | 2518 | 2522 | 2526 | rBV2 | 56818 | 82309 | 1.83% | 0.142% |
| 64 | 17.880 | 2526 | 2532 | 2558 | rVV | 1057643 | 1908985 | 42.54% | 3.290% |
| 65 | 18.180 | 2579 | 2583 | 2591 | rBV7 | 34078 | 59858 | 1.33% | 0.103% |
| 66 | 18.321 | 2603 | 2607 | 2613 | rVB7 | 24837 | 43123 | 0.96% | 0.074% |
| 67 | 18.845 | 2693 | 2696 | 2700 | rBV | 25884 | 30263 | 0.67% | 0.052% |
| 68 | 18.974 | 2715 | 2718 | 2722 | rBV4 | 34014 | 41346 | 0.92% | 0.071% |
| 69 | 19.063 | 2728 | 2733 | 2734 | rBV2 | 59158 | 85798 | 1.91% | 0.148% |
| 70 | 19.086 | 2735 | 2737 | 2741 | rVB | 60835 | 84000 | 1.87% | 0.145% |
| 71 | 19.221 | 2755 | 2760 | 2771 | rBV | 347821 | 613274 | 13.67% | 1.057% |
| 72 | 19.433 | 2790 | 2796 | 2804 | rBV | 2931097 | 4487017 | 100.00% | 7.733% |
| 73 | 20.004 | 2890 | 2893 | 2898 | rVB | 111956 | 130899 | 2.92% | 0.226% |
| 74 | 20.527 | 2979 | 2982 | 2987 | rBV2 | 124445 | 159405 | 3.55% | 0.275% |
| 75 | 21.051 | 3065 | 3071 | 3083 | rVB2 | 551996 | 1260668 | 28.10% | 2.173% |
| 76 | 21.368 | 3119 | 3125 | 3140 | rBV2 | 2696346 | 4423257 | 98.58% | 7.623% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023476.D
Acq On : 17 Dec 2024 21:36
Operator : RC/JU
Sample : P5258-20
Misc :
ALS Vial : 50 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E28Y3

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-BP112624.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 21.580 | 3158 | 3161 | 3165 | rVB | 136237 | 162338 | 3.62% | 0.280% |
| 78 | 24.315 | 3619 | 3626 | 3643 | rVB | 1391464 | 3681184 | 82.04% | 6.344% |
| 79 | 24.539 | 3656 | 3664 | 3679 | rVB | 1492917 | 4346172 | 96.86% | 7.490% |

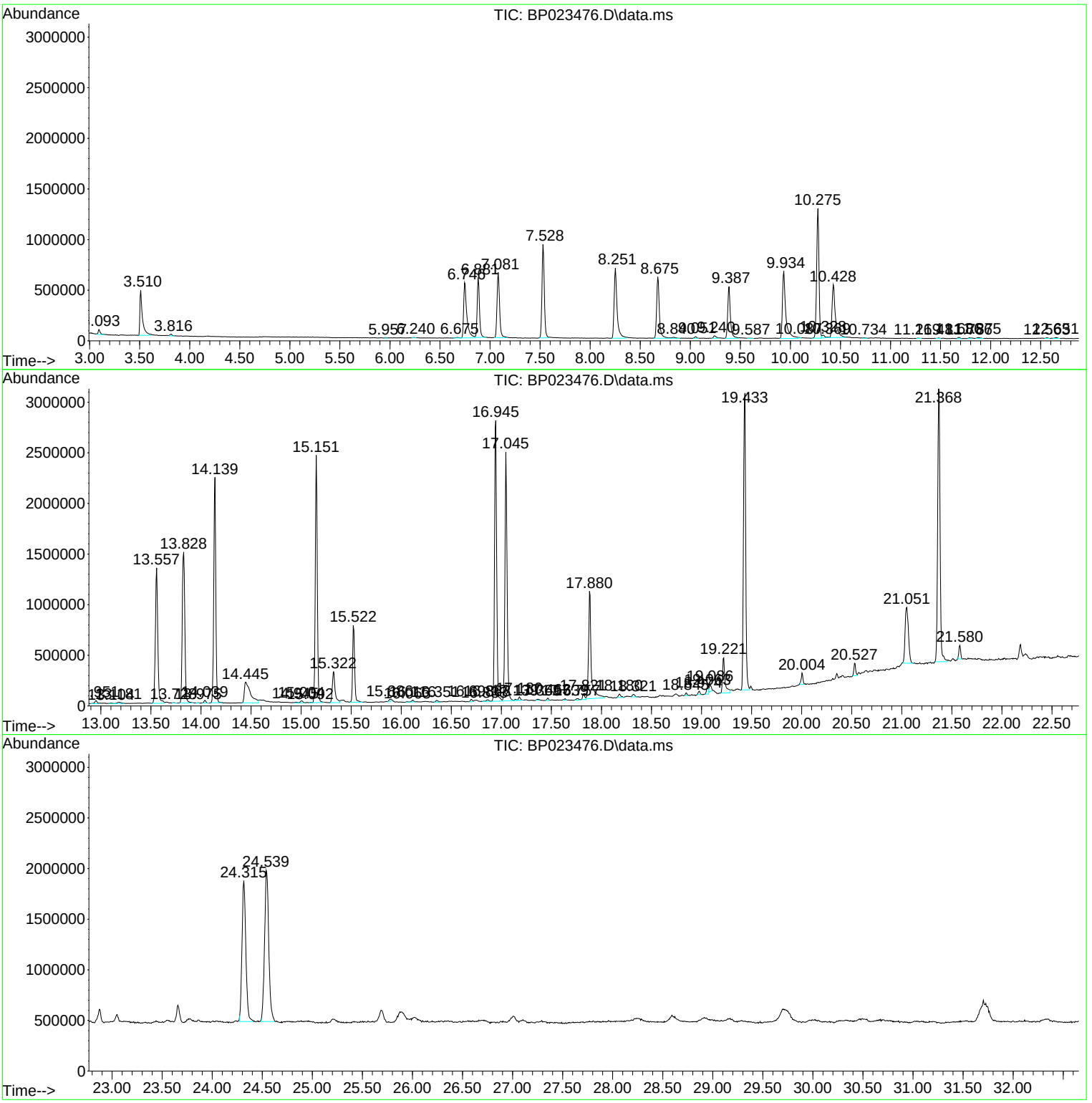
Sum of corrected areas: 58027157

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023476.D
Acq On : 17 Dec 2024 21:36
Operator : RC/JU
Sample : P5258-20
Misc :
ALS Vial : 50 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E28Y3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.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\BP121624\
Data File : BP023476.D
Acq On : 17 Dec 2024 21:36
Operator : RC/JU
Sample : P5258-20
Misc :
ALS Vial : 50 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E28Y3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

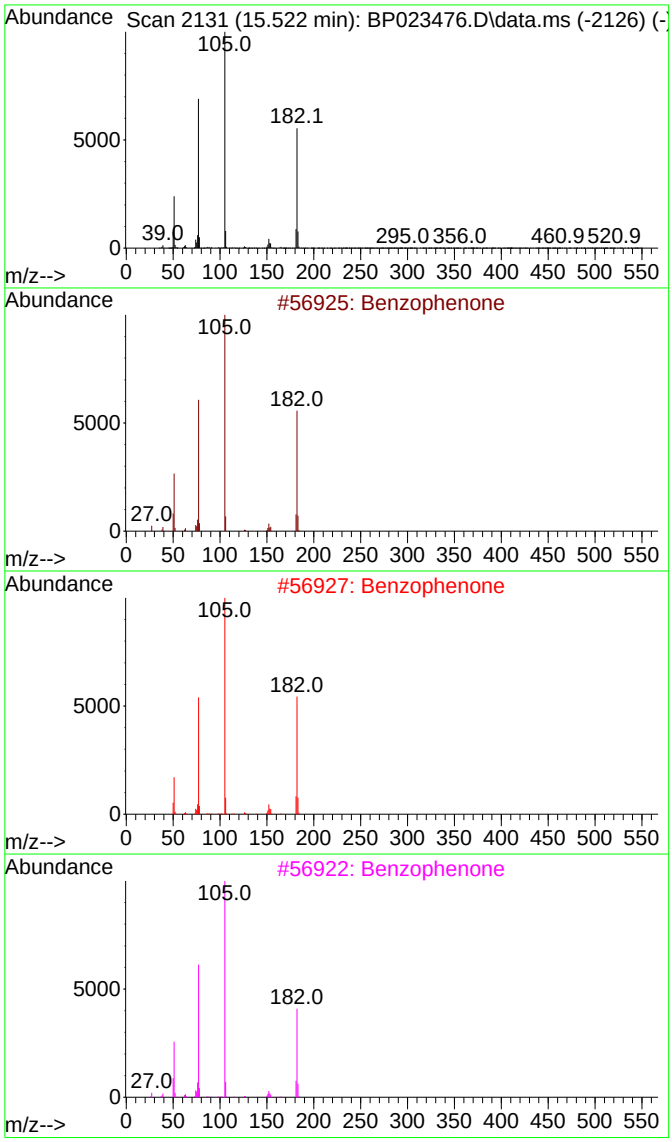
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

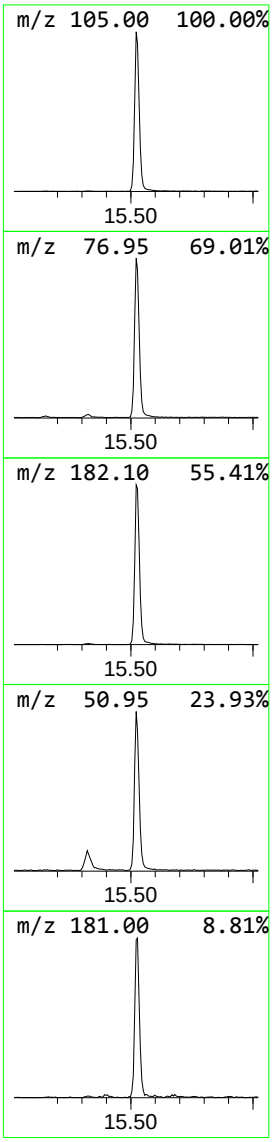
**********

Peak Number 1 Benzophenone Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.522 | 6.57 ng/ul | 1032020 | Acenaphthene-d10 | 14.139 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzophenone | 182 | C13H10O | 000119-61-9 | 96 |
| 2 | Benzophenone | 182 | C13H10O | 000119-61-9 | 95 |
| 3 | Benzophenone | 182 | C13H10O | 000119-61-9 | 94 |
| 4 | Benzophenone | 182 | C13H10O | 000119-61-9 | 91 |
| 5 | Benzophenone | 182 | C13H10O | 000119-61-9 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023476.D
Acq On : 17 Dec 2024 21:36
Operator : RC/JU
Sample : P5258-20
Misc :
ALS Vial : 50 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E28Y3

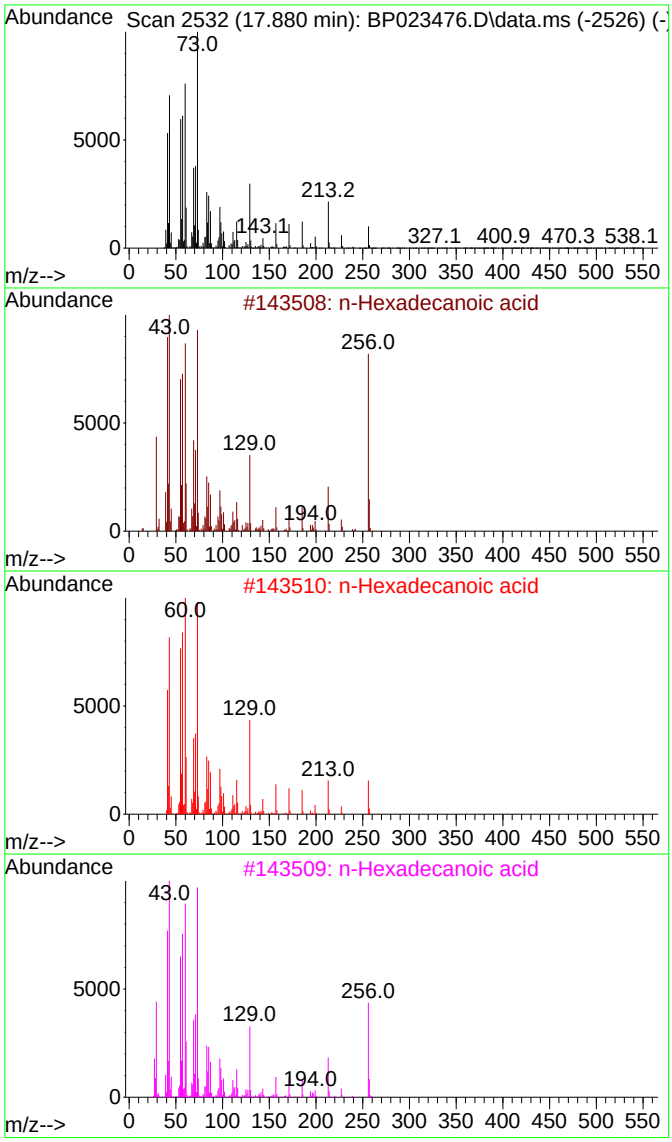
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

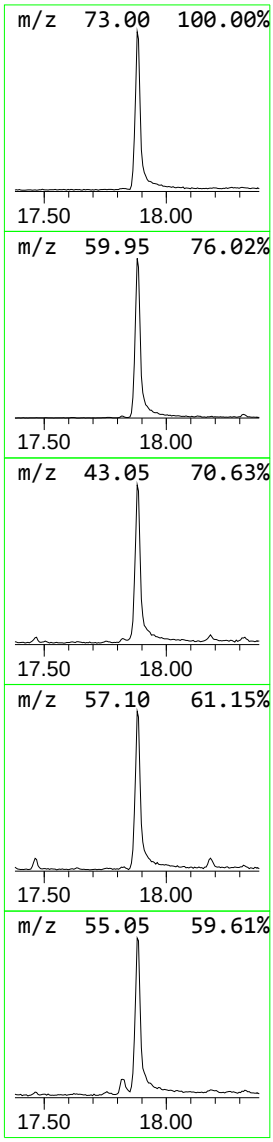
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.880 | 9.46 ng/ul | 1908990 | Phenanthrene-d10 | 16.945 |

| 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 | 99 |
| 3 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97 |
| 5 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023476.D
Acq On : 17 Dec 2024 21:36
Operator : RC/JU
Sample : P5258-20
Misc :
ALS Vial : 50 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E28Y3

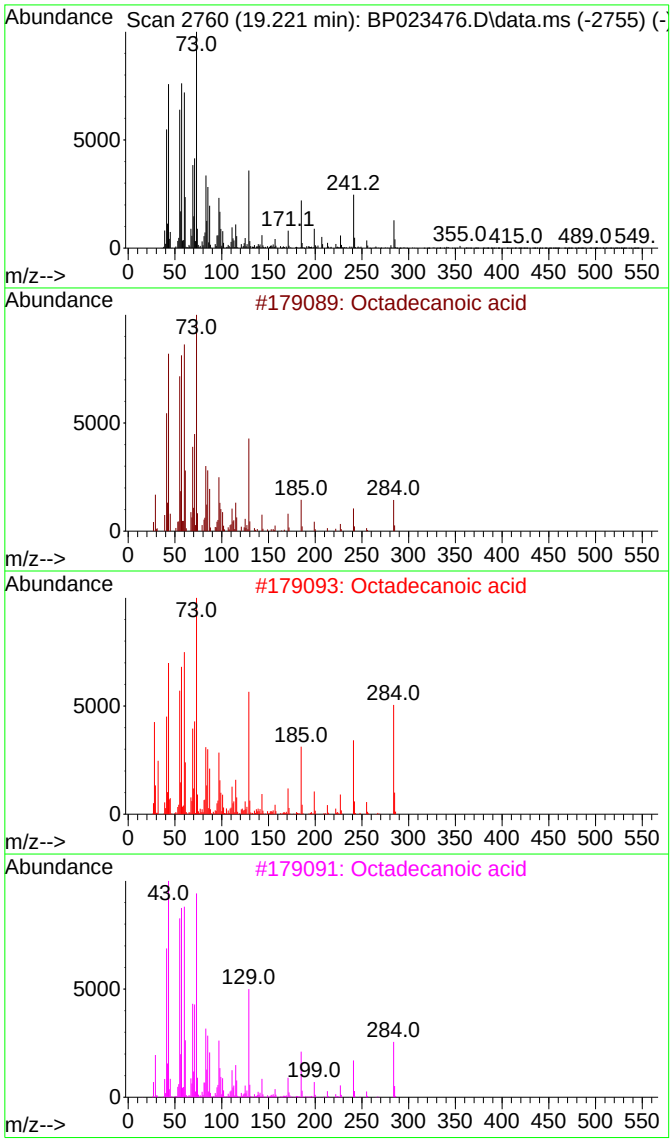
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

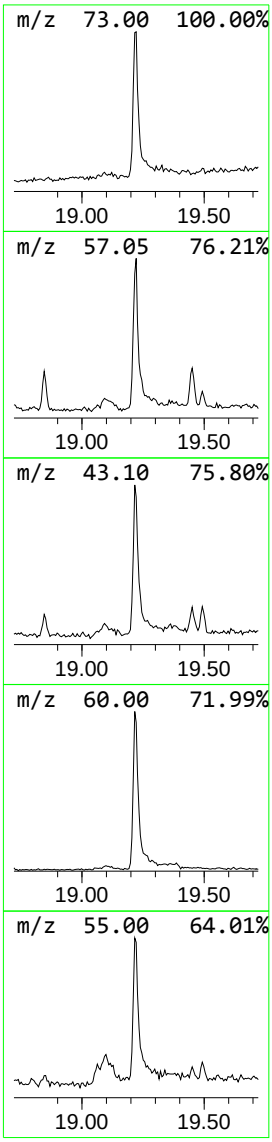
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Octadecanoic acid Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.221 | 2.77 ng/ul | 613274 | Chrysene-d12 | 21.368 |

| 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 | 98 |
| 3 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 97 |
| 4 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 94 |
| 5 | Octadecanoic acid | 284 | C18H36O2 | 000057-11-4 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023476.D
Acq On : 17 Dec 2024 21:36
Operator : RC/JU
Sample : P5258-20
Misc :
ALS Vial : 50 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E28Y3

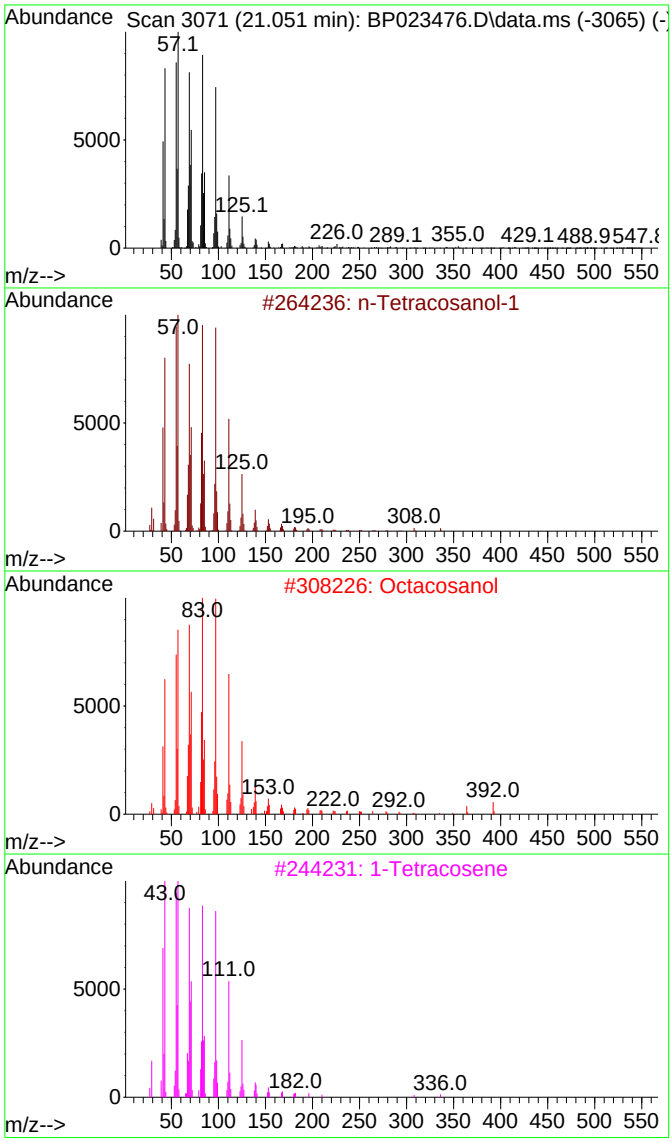
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

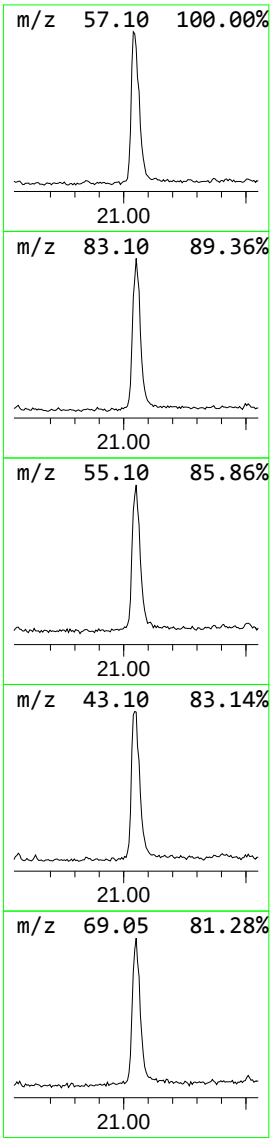
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 n-Tetracosanol-1 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.051 | 5.70 ng/ul | 1260670 | Chrysene-d12 | 21.368 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 2 | Octacosanol | 410 | C28H58O | 000557-61-9 | 91 |
| 3 | 1-Tetracosene | 336 | C24H48 | 010192-32-2 | 91 |
| 4 | 1-Tricosene | 322 | C23H46 | 018835-32-0 | 91 |
| 5 | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 91 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023476.D
Acq On : 17 Dec 2024 21:36
Operator : RC/JU
Sample : P5258-20
Misc :
ALS Vial : 50 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E28Y3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.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 | 15.522 | 6.6 | ng/ul | 1032020 | 3 | 14.139 | 3141990 | 20.0 |
| n-Hexadecanoic ... | 17.880 | 9.5 | ng/ul | 1908990 | 4 | 16.945 | 4037900 | 20.0 |
| Octadecanoic acid | 19.221 | 2.8 | ng/ul | 613274 | 5 | 21.368 | 4423260 | 20.0 |
| n-Tetracosanol-1 | 21.051 | 5.7 | ng/ul | 1260670 | 5 | 21.368 | 4423260 | 20.0 |