LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062784.D
Acq On : 13 Sep 2024 12:26
Operator : JU/RC
Sample : P3952-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0B51

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_G\Methods\SFAM-EPA-BG090924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG062784.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.363 | 43 | 47 | 53 | rVB4 | 13684 | 19852 | 0.79% | 0.101% |
| 2 | 3.486 | 66 | 68 | 70 | rBV3 | 2971 | 3124 | 0.12% | 0.016% |
| 3 | 3.768 | 112 | 116 | 128 | rBV | 55789 | 97199 | 3.86% | 0.494% |
| 4 | 4.097 | 170 | 172 | 174 | rBV2 | 3268 | 3202 | 0.13% | 0.016% |
| 5 | 5.014 | 323 | 328 | 331 | rBV5 | 1715 | 3020 | 0.12% | 0.015% |
| 6 | 7.064 | 672 | 677 | 687 | rVB | 56761 | 95764 | 3.80% | 0.487% |
| 7 | 7.229 | 699 | 705 | 717 | rBV | 136342 | 223575 | 8.87% | 1.137% |
| 8 | 7.434 | 733 | 740 | 750 | rVB | 162849 | 276004 | 10.95% | 1.403% |
| 9 | 7.899 | 813 | 819 | 828 | rBV | 154478 | 255236 | 10.13% | 1.298% |
| 10 | 8.604 | 932 | 939 | 950 | rBV | 175008 | 297728 | 11.81% | 1.514% |
| 11 | 9.050 | 1008 | 1015 | 1022 | rBV | 176069 | 311561 | 12.36% | 1.584% |
| 12 | 9.491 | 1084 | 1090 | 1093 | rBV3 | 1483 | 2574 | 0.10% | 0.013% |
| 13 | 9.614 | 1106 | 1111 | 1114 | rVB2 | 2793 | 3460 | 0.14% | 0.018% |
| 14 | 9.773 | 1131 | 1138 | 1152 | rBV | 147389 | 256260 | 10.17% | 1.303% |
| 15 | 10.313 | 1222 | 1230 | 1239 | rBV | 262003 | 457613 | 18.16% | 2.327% |
| 16 | 10.466 | 1253 | 1256 | 1261 | rVB3 | 1680 | 2789 | 0.11% | 0.014% |
| 17 | 10.689 | 1286 | 1294 | 1304 | rVB | 218467 | 396637 | 15.74% | 2.017% |
| 18 | 10.824 | 1309 | 1317 | 1328 | rBV | 210344 | 382348 | 15.17% | 1.944% |
| 19 | 12.282 | 1557 | 1565 | 1568 | rBV3 | 3711 | 6874 | 0.27% | 0.035% |
| 20 | 13.421 | 1753 | 1759 | 1766 | rVB2 | 17147 | 27617 | 1.10% | 0.140% |
| 21 | 13.933 | 1839 | 1846 | 1856 | rVB | 574373 | 811897 | 32.22% | 4.128% |
| 22 | 14.221 | 1888 | 1895 | 1902 | rVV2 | 611547 | 932392 | 37.00% | 4.741% |
| 23 | 14.526 | 1940 | 1947 | 1954 | rBV | 419107 | 648618 | 25.74% | 3.298% |
| 24 | 14.726 | 1974 | 1981 | 1989 | rBV2 | 58552 | 105026 | 4.17% | 0.534% |
| 25 | 14.973 | 2014 | 2023 | 2042 | rBV | 727763 | 1376113 | 54.61% | 6.997% |
| 26 | 15.260 | 2070 | 2072 | 2075 | rVB3 | 2398 | 2763 | 0.11% | 0.014% |
| 27 | 15.325 | 2080 | 2083 | 2090 | rVB7 | 2798 | 5013 | 0.20% | 0.025% |
| 28 | 15.519 | 2107 | 2116 | 2128 | rBV | 858566 | 1298701 | 51.54% | 6.603% |
| 29 | 15.636 | 2130 | 2136 | 2144 | rBV | 262764 | 393722 | 15.62% | 2.002% |
| 30 | 15.760 | 2153 | 2157 | 2161 | rVB6 | 4953 | 6410 | 0.25% | 0.033% |
| 31 | 15.883 | 2170 | 2178 | 2183 | rBV | 103154 | 146509 | 5.81% | 0.745% |
| 32 | 16.447 | 2271 | 2274 | 2279 | rVB4 | 6556 | 8762 | 0.35% | 0.045% |
| 33 | 16.671 | 2309 | 2312 | 2317 | rBV3 | 4972 | 7679 | 0.30% | 0.039% |
| 34 | 16.953 | 2357 | 2360 | 2363 | rBV3 | 2118 | 2998 | 0.12% | 0.015% |
| 35 | 17.270 | 2407 | 2414 | 2422 | rVB | 616361 | 920160 | 36.51% | 4.679% |
| 36 | 17.370 | 2424 | 2431 | 2440 | rVV | 1137322 | 1663480 | 66.01% | 8.458% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062784.D
Acq On : 13 Sep 2024 12:26
Operator : JU/RC
Sample : P3952-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0B51

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_G\Methods\SFAM-EPA-BG090924.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 17.440 | 2440 | 2443 | 2449 | rVB4 | 3042 | 4378 | 0.17% | 0.022% |
| 38 | 17.552 | 2458 | 2462 | 2465 | rBV3 | 2973 | 4041 | 0.16% | 0.021% |
| 39 | 17.840 | 2508 | 2511 | 2514 | rBV3 | 3022 | 4225 | 0.17% | 0.021% |
| 40 | 17.940 | 2525 | 2528 | 2530 | rBV3 | 2978 | 3798 | 0.15% | 0.019% |
| 41 | 18.034 | 2541 | 2544 | 2545 | rBV2 | 3409 | 3086 | 0.12% | 0.016% |
| 42 | 18.163 | 2562 | 2566 | 2576 | rBV2 | 82121 | 129700 | 5.15% | 0.659% |
| 43 | 18.233 | 2576 | 2578 | 2583 | rVB4 | 5053 | 5775 | 0.23% | 0.029% |
| 44 | 18.351 | 2595 | 2598 | 2602 | rBV4 | 2959 | 3844 | 0.15% | 0.020% |
| 45 | 18.474 | 2615 | 2619 | 2625 | rVB7 | 8358 | 11808 | 0.47% | 0.060% |
| 46 | 18.586 | 2635 | 2638 | 2640 | rBV2 | 2541 | 2543 | 0.10% | 0.013% |
| 47 | 18.651 | 2647 | 2649 | 2652 | rBV4 | 4324 | 3637 | 0.14% | 0.018% |
| 48 | 18.745 | 2662 | 2665 | 2667 | rBV4 | 2767 | 3939 | 0.16% | 0.020% |
| 49 | 18.886 | 2686 | 2689 | 2691 | rBV4 | 3363 | 3289 | 0.13% | 0.017% |
| 50 | 19.021 | 2707 | 2712 | 2715 | rVB6 | 6059 | 9047 | 0.36% | 0.046% |
| 51 | 19.226 | 2741 | 2747 | 2752 | rBV4 | 19516 | 31152 | 1.24% | 0.158% |
| 52 | 19.297 | 2754 | 2759 | 2767 | rVV2 | 17884 | 34604 | 1.37% | 0.176% |
| 53 | 19.444 | 2780 | 2784 | 2788 | rVV4 | 25727 | 34065 | 1.35% | 0.173% |
| 54 | 19.591 | 2806 | 2809 | 2812 | rVB4 | 4851 | 6388 | 0.25% | 0.032% |
| 55 | 19.661 | 2815 | 2821 | 2832 | rVV | 1576190 | 2239084 | 88.85% | 11.385% |
| 56 | 19.743 | 2832 | 2835 | 2838 | rVV4 | 2172 | 3225 | 0.13% | 0.016% |
| 57 | 19.961 | 2870 | 2872 | 2874 | rBV2 | 3549 | 4500 | 0.18% | 0.023% |
| 58 | 20.137 | 2898 | 2902 | 2903 | rBV4 | 4238 | 3675 | 0.15% | 0.019% |
| 59 | 20.431 | 2950 | 2952 | 2954 | rBV3 | 3256 | 3165 | 0.13% | 0.016% |
| 60 | 20.595 | 2977 | 2980 | 2983 | rVB5 | 8151 | 10121 | 0.40% | 0.051% |
| 61 | 21.189 | 3076 | 3081 | 3090 | rBV4 | 39473 | 78140 | 3.10% | 0.397% |
| 62 | 21.518 | 3130 | 3137 | 3145 | rBV | 752069 | 1202724 | 47.73% | 6.115% |
| 63 | 21.712 | 3167 | 3170 | 3173 | rBV5 | 8968 | 10187 | 0.40% | 0.052% |
| 64 | 22.000 | 3215 | 3219 | 3224 | rBV3 | 34012 | 59899 | 2.38% | 0.305% |
| 65 | 22.293 | 3267 | 3269 | 3276 | rVB7 | 10106 | 12854 | 0.51% | 0.065% |
| 66 | 22.946 | 3377 | 3380 | 3385 | rVB6 | 7745 | 13701 | 0.54% | 0.070% |
| 67 | 23.134 | 3406 | 3412 | 3419 | rVB | 34276 | 65628 | 2.60% | 0.334% |
| 68 | 23.186 | 3419 | 3421 | 3425 | rBV5 | 4043 | 4302 | 0.17% | 0.022% |
| 69 | 23.263 | 3432 | 3434 | 3437 | rVB4 | 5094 | 4423 | 0.18% | 0.022% |
| 70 | 23.292 | 3437 | 3439 | 3440 | rBV | 5747 | 3383 | 0.13% | 0.017% |
| 71 | 23.715 | 3505 | 3511 | 3516 | rBV6 | 13834 | 27028 | 1.07% | 0.137% |
| 72 | 23.892 | 3535 | 3541 | 3552 | rBV4 | 31503 | 82586 | 3.28% | 0.420% |
| 73 | 24.367 | 3611 | 3622 | 3635 | rBV | 970566 | 2519999 | 100.00% | 12.813% |
| 74 | 24.579 | 3648 | 3658 | 3672 | rVB2 | 527909 | 1409572 | 55.94% | 7.167% |
| 75 | 24.849 | 3702 | 3704 | 3706 | rBV3 | 4255 | 2755 | 0.11% | 0.014% |
| 76 | 25.660 | 3838 | 3842 | 3852 | rVB7 | 20695 | 50456 | 2.00% | 0.257% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062784.D
Acq On : 13 Sep 2024 12:26
Operator : JU/RC
Sample : P3952-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0B51

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_G\Methods\SFAM-EPA-BG090924.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 26.318 | 3952 | 3954 | 3959 | rVB5 | 5928 | 6163 | 0.24% | 0.031% |
| 78 | 26.647 | 4008 | 4010 | 4013 | rBV4 | 5007 | 6052 | 0.24% | 0.031% |
| 79 | 26.782 | 4026 | 4033 | 4046 | rBV7 | 21449 | 73754 | 2.93% | 0.375% |
| 80 | 27.869 | 4216 | 4218 | 4221 | rBV4 | 4764 | 4907 | 0.19% | 0.025% |
| 81 | 31.300 | 4800 | 4802 | 4803 | rBV2 | 5304 | 3277 | 0.13% | 0.017% |
| 82 | 31.894 | 4901 | 4903 | 4907 | rBV5 | 5618 | 9450 | 0.38% | 0.048% |

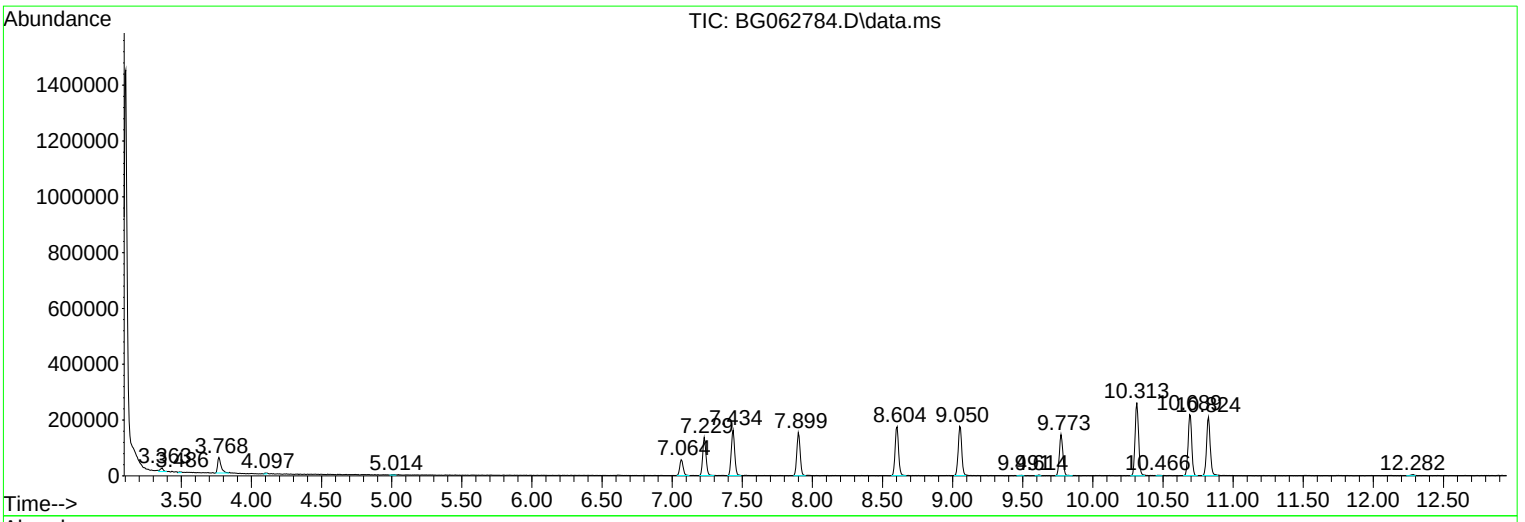
Sum of corrected areas: 19667009

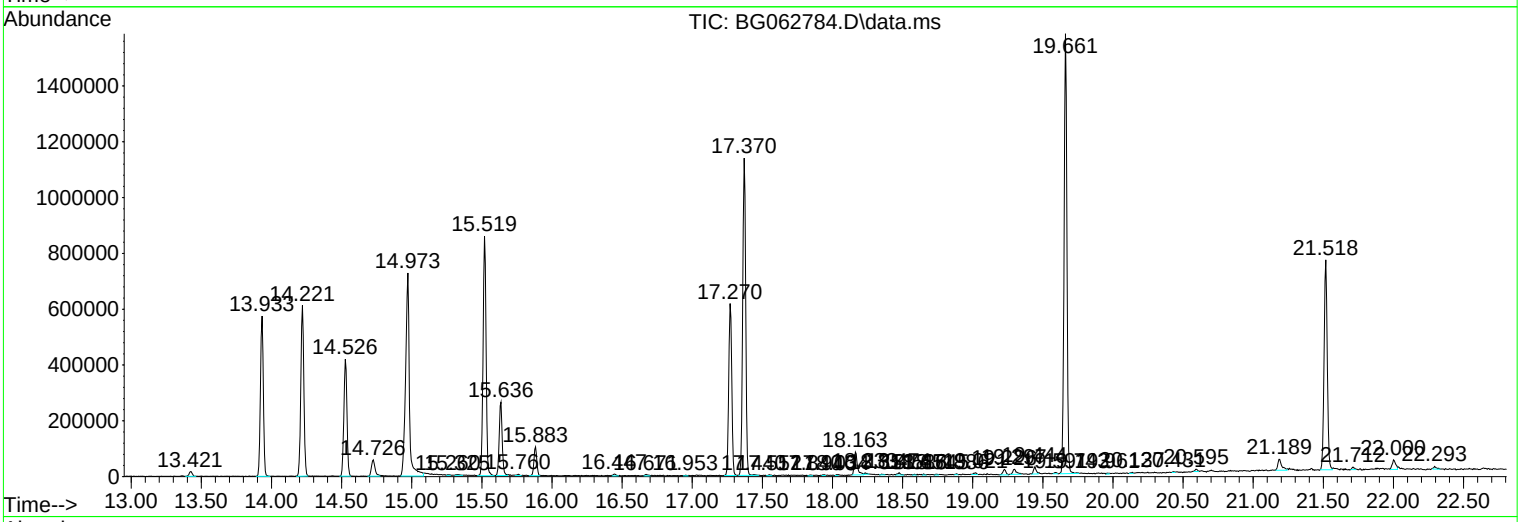
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062784.D
Acq On : 13 Sep 2024 12:26
Operator : JU/RC
Sample : P3952-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

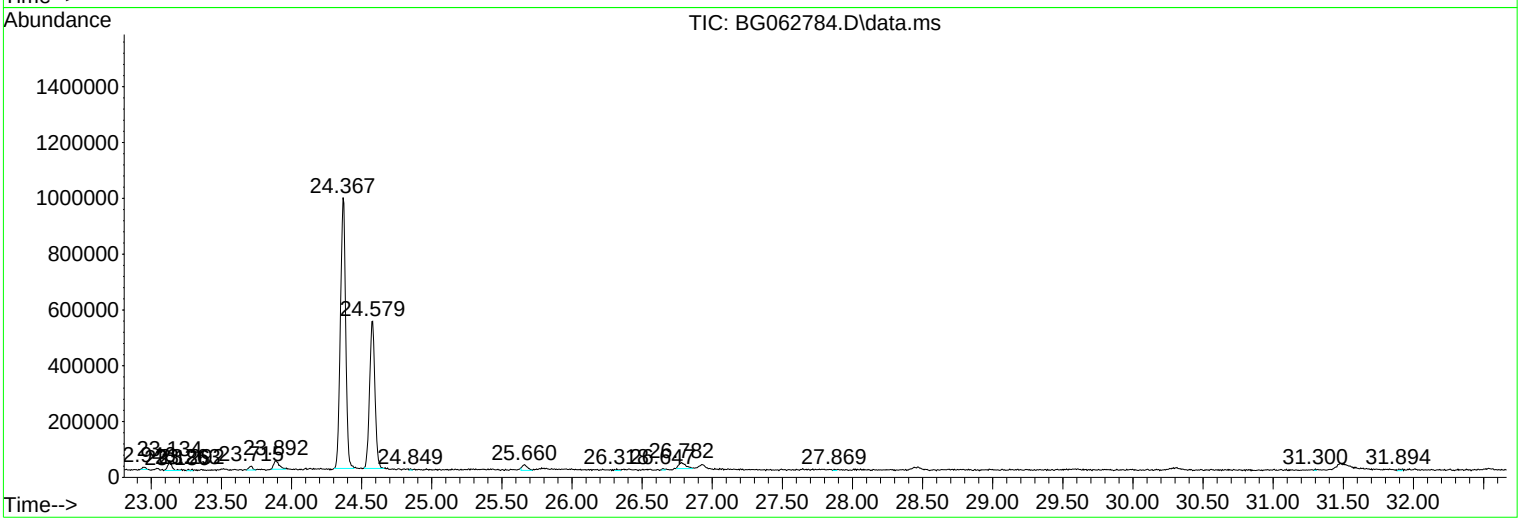
**Instrument :**
BNA_G
**ClientSampleId :**
C0B51

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062784.D
Acq On : 13 Sep 2024 12:26
Operator : JU/RC
Sample : P3952-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0B51

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION

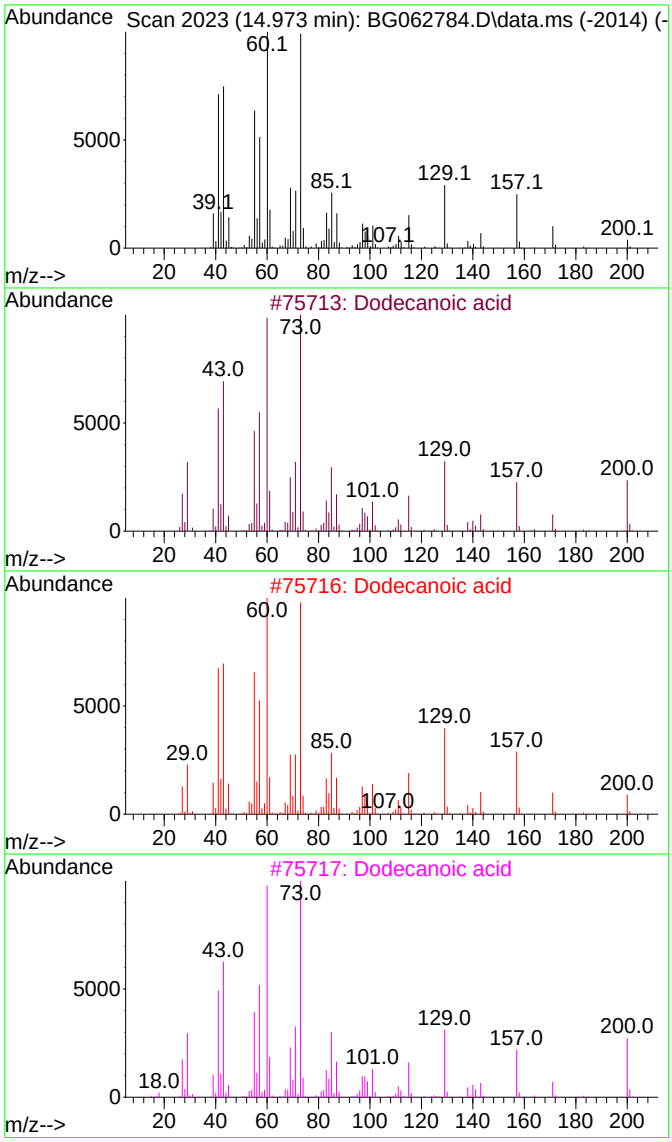
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

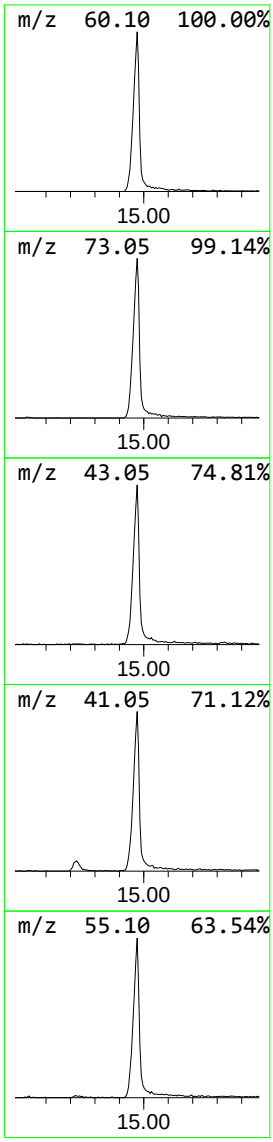
**********

Peak Number 1 Dodecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.973 | 42.43 ng/ul | 1376110 | Acenaphthene-d10 | 14.526 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 91 |
| 2 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 91 |
| 3 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 87 |
| 4 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 81 |
| 5 | Undecanoic acid | 186 | C11H22O2 | 000112-37-8 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062784.D
Acq On : 13 Sep 2024 12:26
Operator : JU/RC
Sample : P3952-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0B51

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION

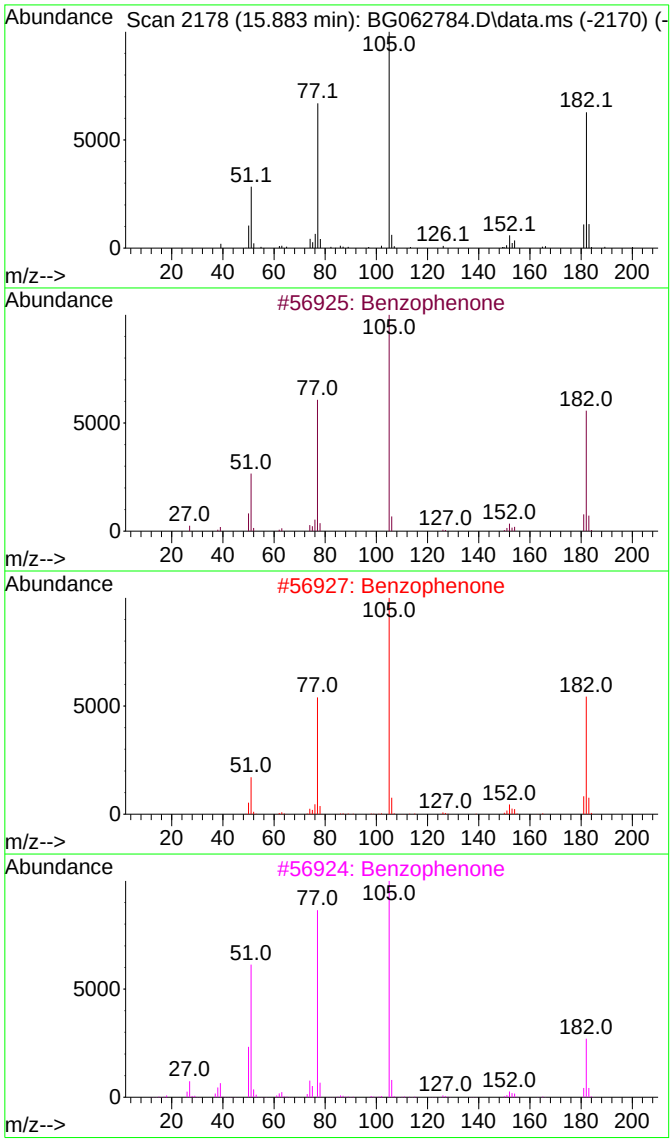
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

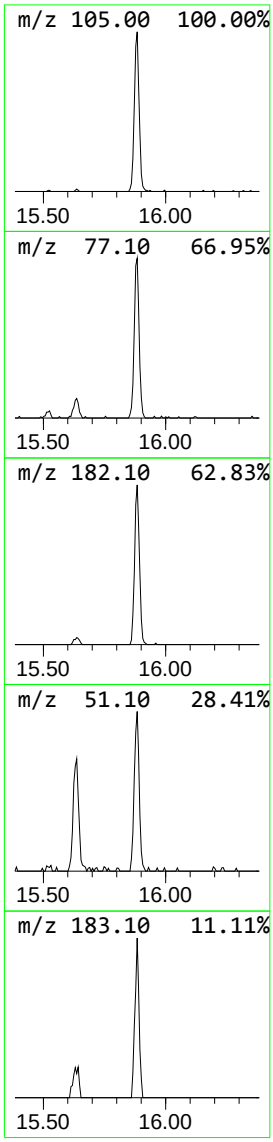
**********

Peak Number 2 Benzophenone Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.883 | 4.52 ng/ul | 146509 | Acenaphthene-d10 | 14.526 |

| 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 | 94 |
| 5 | Benzophenone | 182 | C13H10O | 000119-61-9 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062784.D
Acq On : 13 Sep 2024 12:26
Operator : JU/RC
Sample : P3952-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0B51

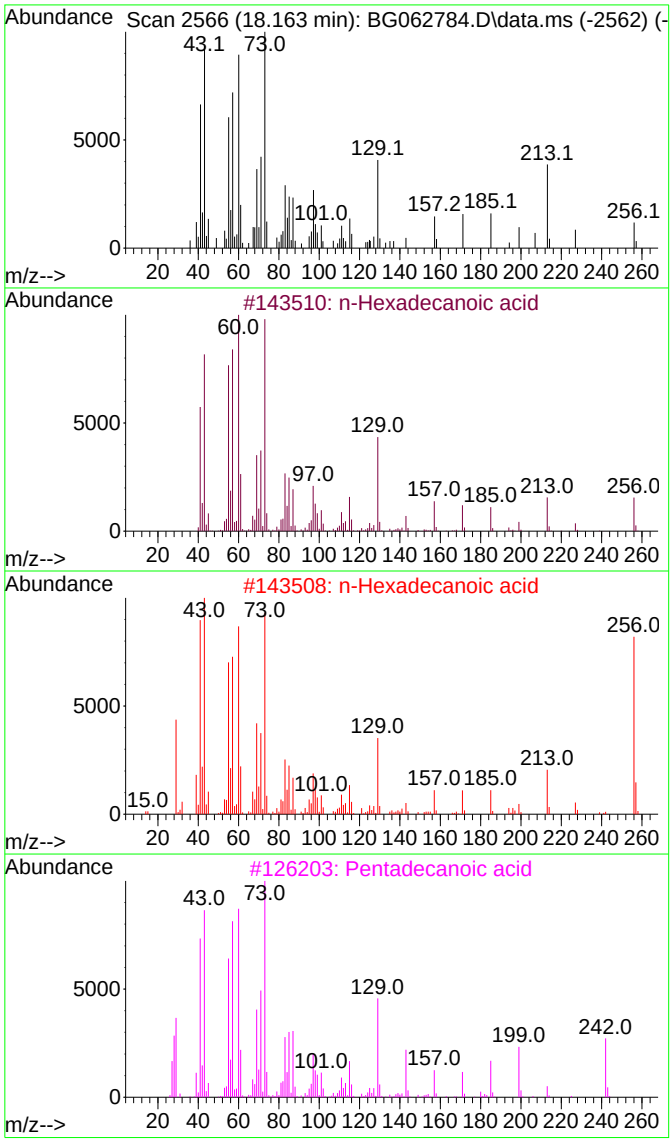
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION

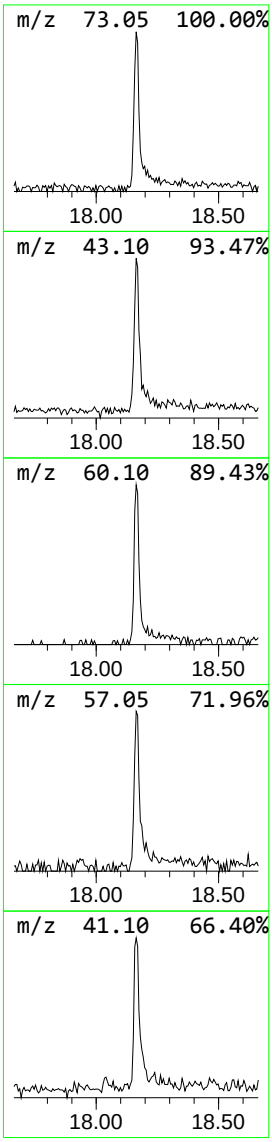
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.163 | 2.82 ng/ul | 129700 | Phenanthrene-d10 | 17.270 |

| 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 | 98 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 81 |
| 4 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 68 |
| 5 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 64 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062784.D
Acq On : 13 Sep 2024 12:26
Operator : JU/RC
Sample : P3952-12
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0B51

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.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 |
| Dodecanoic acid | 14.973 | 42.4 | ng/ul | 1376110 | 3 | 14.526 | 648618 | 20.0 |
| Benzophenone | 15.883 | 4.5 | ng/ul | 146509 | 3 | 14.526 | 648618 | 20.0 |
| n-Hexadecanoic ... | 18.163 | 2.8 | ng/ul | 129700 | 4 | 17.270 | 920160 | 20.0 |