LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

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-BG121421.M
Title : SVOA CALIBRATION

Signal : TIC: BG051677.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 5.746 | 379 | 384 | 392 | rVV | 924894 | 1516825 | 2.50% | 0.642% |
| 2 | 5.887 | 401 | 408 | 419 | rVB | 2379746 | 5645132 | 9.31% | 2.388% |
| 3 | 6.263 | 465 | 472 | 481 | rVB | 1587176 | 2645455 | 4.36% | 1.119% |
| 4 | 6.744 | 545 | 554 | 562 | rBV | 535848 | 998735 | 1.65% | 0.422% |
| 5 | 6.903 | 576 | 581 | 594 | rVB3 | 198075 | 497588 | 0.82% | 0.210% |
| 6 | 7.250 | 630 | 640 | 646 | rBV2 | 545749 | 1223227 | 2.02% | 0.517% |
| 7 | 7.355 | 654 | 658 | 664 | rVB | 1026735 | 1622738 | 2.68% | 0.686% |
| 8 | 7.420 | 664 | 669 | 676 | rVB2 | 803768 | 1423524 | 2.35% | 0.602% |
| 9 | 7.490 | 676 | 681 | 690 | rVB | 720793 | 1196417 | 1.97% | 0.506% |
| 10 | 7.661 | 705 | 710 | 714 | rBV | 448770 | 808587 | 1.33% | 0.342% |
| 11 | 7.902 | 744 | 751 | 753 | rBV | 2076564 | 3424950 | 5.65% | 1.449% |
| 12 | 7.925 | 753 | 755 | 764 | rVB | 2010164 | 2835629 | 4.68% | 1.199% |
| 13 | 8.260 | 806 | 812 | 819 | rVB3 | 592883 | 1072610 | 1.77% | 0.454% |
| 14 | 8.401 | 831 | 836 | 843 | rVB2 | 608071 | 1102389 | 1.82% | 0.466% |
| 15 | 8.659 | 872 | 880 | 886 | rVB3 | 305810 | 694739 | 1.15% | 0.294% |
| 16 | 8.830 | 903 | 909 | 914 | rVV3 | 571622 | 1410339 | 2.33% | 0.596% |
| 17 | 8.936 | 921 | 927 | 940 | rVB4 | 768757 | 2055776 | 3.39% | 0.869% |
| 18 | 9.053 | 940 | 947 | 951 | rBV | 415466 | 719134 | 1.19% | 0.304% |
| 19 | 9.300 | 984 | 989 | 997 | rVB | 275498 | 519819 | 0.86% | 0.220% |
| 20 | 9.400 | 997 | 1006 | 1015 | rBV3 | 591352 | 1312669 | 2.17% | 0.555% |
| 21 | 9.523 | 1016 | 1027 | 1032 | rBV | 2415152 | 4154043 | 6.85% | 1.757% |
| 22 | 9.652 | 1039 | 1049 | 1058 | rBV8 | 285653 | 941595 | 1.55% | 0.398% |
| 23 | 9.781 | 1059 | 1071 | 1078 | rVB6 | 278643 | 882076 | 1.45% | 0.373% |
| 24 | 9.934 | 1092 | 1097 | 1102 | rBV2 | 333687 | 595985 | 0.98% | 0.252% |
| 25 | 9.993 | 1102 | 1107 | 1111 | rVB | 358207 | 556731 | 0.92% | 0.235% |
| 26 | 10.357 | 1164 | 1169 | 1179 | rVB3 | 285814 | 769365 | 1.27% | 0.325% |
| 27 | 10.457 | 1179 | 1186 | 1191 | rBV5 | 288050 | 783414 | 1.29% | 0.331% |
| 28 | 10.516 | 1191 | 1196 | 1203 | rVB5 | 489100 | 1098982 | 1.81% | 0.465% |
| 29 | 10.980 | 1267 | 1275 | 1286 | rBV5 | 186947 | 645071 | 1.06% | 0.273% |
| 30 | 11.086 | 1286 | 1293 | 1301 | rVV2 | 1372744 | 2513150 | 4.15% | 1.063% |
| 31 | 11.197 | 1301 | 1312 | 1318 | rVV | 6638921 | 15139735 | 24.97% | 6.403% |
| 32 | 11.268 | 1318 | 1324 | 1332 | rVV3 | 534875 | 1155953 | 1.91% | 0.489% |
| 33 | 11.820 | 1413 | 1418 | 1424 | rVV4 | 211559 | 481430 | 0.79% | 0.204% |
| 34 | 11.943 | 1433 | 1439 | 1446 | rVB7 | 230429 | 481534 | 0.79% | 0.204% |
| 35 | 12.020 | 1446 | 1452 | 1460 | rBV3 | 290308 | 554954 | 0.92% | 0.235% |
| 36 | 12.125 | 1464 | 1470 | 1474 | rVV | 469880 | 808505 | 1.33% | 0.342% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

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-BG121421.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.513 | 1528 | 1536 | 1546 | rBV | 1556474 | 2405901 | 3.97% | 1.018% |
| 38 | 12.766 | 1567 | 1579 | 1587 | rVB | 2244459 | 4045491 | 6.67% | 1.711% |
| 39 | 12.977 | 1608 | 1615 | 1624 | rVB | 1010120 | 1759304 | 2.90% | 0.744% |
| 40 | 13.353 | 1675 | 1679 | 1683 | rVV | 392641 | 644918 | 1.06% | 0.273% |
| 41 | 13.453 | 1691 | 1696 | 1702 | rVB | 391070 | 618638 | 1.02% | 0.262% |
| 42 | 13.735 | 1737 | 1744 | 1752 | rBV2 | 2575820 | 4060138 | 6.70% | 1.717% |
| 43 | 13.946 | 1776 | 1780 | 1790 | rVB3 | 256838 | 629416 | 1.04% | 0.266% |
| 44 | 14.076 | 1797 | 1802 | 1804 | rBV | 454443 | 718791 | 1.19% | 0.304% |
| 45 | 14.240 | 1824 | 1830 | 1835 | rBV2 | 1126143 | 2030338 | 3.35% | 0.859% |
| 46 | 14.293 | 1835 | 1839 | 1844 | rVB | 559176 | 836740 | 1.38% | 0.354% |
| 47 | 14.387 | 1851 | 1855 | 1858 | rVB2 | 458539 | 611124 | 1.01% | 0.258% |
| 48 | 14.798 | 1920 | 1925 | 1930 | rVV | 1887428 | 2502249 | 4.13% | 1.058% |
| 49 | 14.916 | 1941 | 1945 | 1949 | rVV2 | 317267 | 527119 | 0.87% | 0.223% |
| 50 | 15.004 | 1950 | 1960 | 1969 | rVV2 | 898273 | 1667354 | 2.75% | 0.705% |
| 51 | 15.121 | 1974 | 1980 | 1988 | rVB2 | 247910 | 559593 | 0.92% | 0.237% |
| 52 | 15.309 | 2005 | 2012 | 2017 | rBV5 | 713227 | 1398934 | 2.31% | 0.592% |
| 53 | 15.703 | 2072 | 2079 | 2082 | rBV4 | 381163 | 749817 | 1.24% | 0.317% |
| 54 | 15.744 | 2082 | 2086 | 2090 | rVB | 1461557 | 1893392 | 3.12% | 0.801% |
| 55 | 15.844 | 2099 | 2103 | 2111 | rVB2 | 273838 | 547942 | 0.90% | 0.232% |
| 56 | 16.149 | 2148 | 2155 | 2159 | rBV2 | 434002 | 843903 | 1.39% | 0.357% |
| 57 | 16.602 | 2227 | 2232 | 2235 | rBV | 1267816 | 1822217 | 3.01% | 0.771% |
| 58 | 16.631 | 2235 | 2237 | 2242 | rVB | 714088 | 815249 | 1.34% | 0.345% |
| 59 | 16.725 | 2249 | 2253 | 2257 | rBV | 417170 | 608537 | 1.00% | 0.257% |
| 60 | 16.784 | 2260 | 2263 | 2270 | rVB3 | 345608 | 539834 | 0.89% | 0.228% |
| 61 | 17.036 | 2303 | 2306 | 2315 | rVB2 | 472479 | 802661 | 1.32% | 0.339% |
| 62 | 17.395 | 2363 | 2367 | 2372 | rVV | 887432 | 1124574 | 1.85% | 0.476% |
| 63 | 17.542 | 2387 | 2392 | 2402 | rVB | 423099 | 886949 | 1.46% | 0.375% |
| 64 | 17.659 | 2406 | 2412 | 2416 | rBV2 | 399270 | 726573 | 1.20% | 0.307% |
| 65 | 17.700 | 2416 | 2419 | 2426 | rVB | 339780 | 505928 | 0.83% | 0.214% |
| 66 | 18.141 | 2489 | 2494 | 2500 | rVB | 871108 | 1181319 | 1.95% | 0.500% |
| 67 | 18.552 | 2557 | 2564 | 2570 | rBV2 | 2051271 | 4061107 | 6.70% | 1.718% |
| 68 | 18.599 | 2570 | 2572 | 2577 | rVB | 620081 | 751849 | 1.24% | 0.318% |
| 69 | 18.822 | 2606 | 2610 | 2614 | rBV | 608272 | 706735 | 1.17% | 0.299% |
| 70 | 19.445 | 2710 | 2716 | 2726 | rVB3 | 814467 | 1352521 | 2.23% | 0.572% |
| 71 | 19.627 | 2743 | 2747 | 2749 | rBV | 404028 | 512422 | 0.85% | 0.217% |
| 72 | 19.709 | 2749 | 2761 | 2770 | rVB2 | 3414337 | 9602677 | 15.84% | 4.061% |
| 73 | 19.809 | 2775 | 2778 | 2785 | rVV | 1069025 | 1399101 | 2.31% | 0.592% |
| 74 | 19.874 | 2785 | 2789 | 2792 | rVV | 507708 | 592940 | 0.98% | 0.251% |
| 75 | 20.032 | 2810 | 2816 | 2826 | rVB4 | 597537 | 1330243 | 2.19% | 0.563% |
| 76 | 20.314 | 2860 | 2864 | 2868 | rBV | 546424 | 682953 | 1.13% | 0.289% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

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-BG121421.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 20.543 | 2899 | 2903 | 2907 | rBV | 842274 | 936572 | 1.54% | 0.396% |
| 78 | 20.996 | 2965 | 2980 | 2984 | rBV | 22690631 | 60629173 | 100.00% | 25.642% |
| 79 | 21.054 | 2986 | 2990 | 2994 | rVB | 659123 | 794010 | 1.31% | 0.336% |
| 80 | 21.307 | 3029 | 3033 | 3038 | rVB2 | 1432351 | 1876418 | 3.09% | 0.794% |
| 81 | 21.595 | 3077 | 3082 | 3089 | rVB | 1720582 | 2413869 | 3.98% | 1.021% |
| 82 | 21.712 | 3099 | 3102 | 3110 | rVB5 | 222066 | 471846 | 0.78% | 0.200% |
| 83 | 21.877 | 3119 | 3130 | 3138 | rVB | 13680800 | 26180259 | 43.18% | 11.072% |
| 84 | 21.977 | 3143 | 3147 | 3153 | rVB2 | 258322 | 619677 | 1.02% | 0.262% |
| 85 | 22.176 | 3173 | 3181 | 3194 | rVB2 | 828907 | 1806020 | 2.98% | 0.764% |
| 86 | 22.599 | 3248 | 3253 | 3256 | rBV3 | 366356 | 699475 | 1.15% | 0.296% |
| 87 | 22.705 | 3262 | 3271 | 3276 | rVB5 | 1381467 | 3103342 | 5.12% | 1.313% |
| 88 | 22.846 | 3289 | 3295 | 3301 | rBV2 | 968381 | 1860819 | 3.07% | 0.787% |
| 89 | 23.063 | 3326 | 3332 | 3336 | rBV | 444615 | 925541 | 1.53% | 0.391% |
| 90 | 23.105 | 3336 | 3339 | 3344 | rVV2 | 360538 | 572571 | 0.94% | 0.242% |
| 91 | 23.169 | 3344 | 3350 | 3360 | rVB | 726991 | 1681256 | 2.77% | 0.711% |
| 92 | 23.598 | 3418 | 3423 | 3431 | rVB | 464083 | 976900 | 1.61% | 0.413% |
| 93 | 23.692 | 3433 | 3439 | 3447 | rVB | 339690 | 717524 | 1.18% | 0.303% |
| 94 | 24.109 | 3504 | 3510 | 3517 | rBV2 | 269490 | 623896 | 1.03% | 0.264% |
| 95 | 24.497 | 3570 | 3576 | 3585 | rVB | 326165 | 783469 | 1.29% | 0.331% |
| 96 | 24.890 | 3637 | 3643 | 3657 | rVB | 553901 | 1979692 | 3.27% | 0.837% |
| 97 | 26.811 | 3962 | 3970 | 3980 | rVB3 | 172365 | 550027 | 0.91% | 0.233% |
| 98 | 27.293 | 4043 | 4052 | 4069 | rVB3 | 290785 | 1135348 | 1.87% | 0.480% |
| 99 | 27.534 | 4083 | 4093 | 4106 | rVB4 | 290976 | 1055964 | 1.74% | 0.447% |
| 100 | 27.822 | 4132 | 4142 | 4160 | rVB6 | 150294 | 704845 | 1.16% | 0.298% |

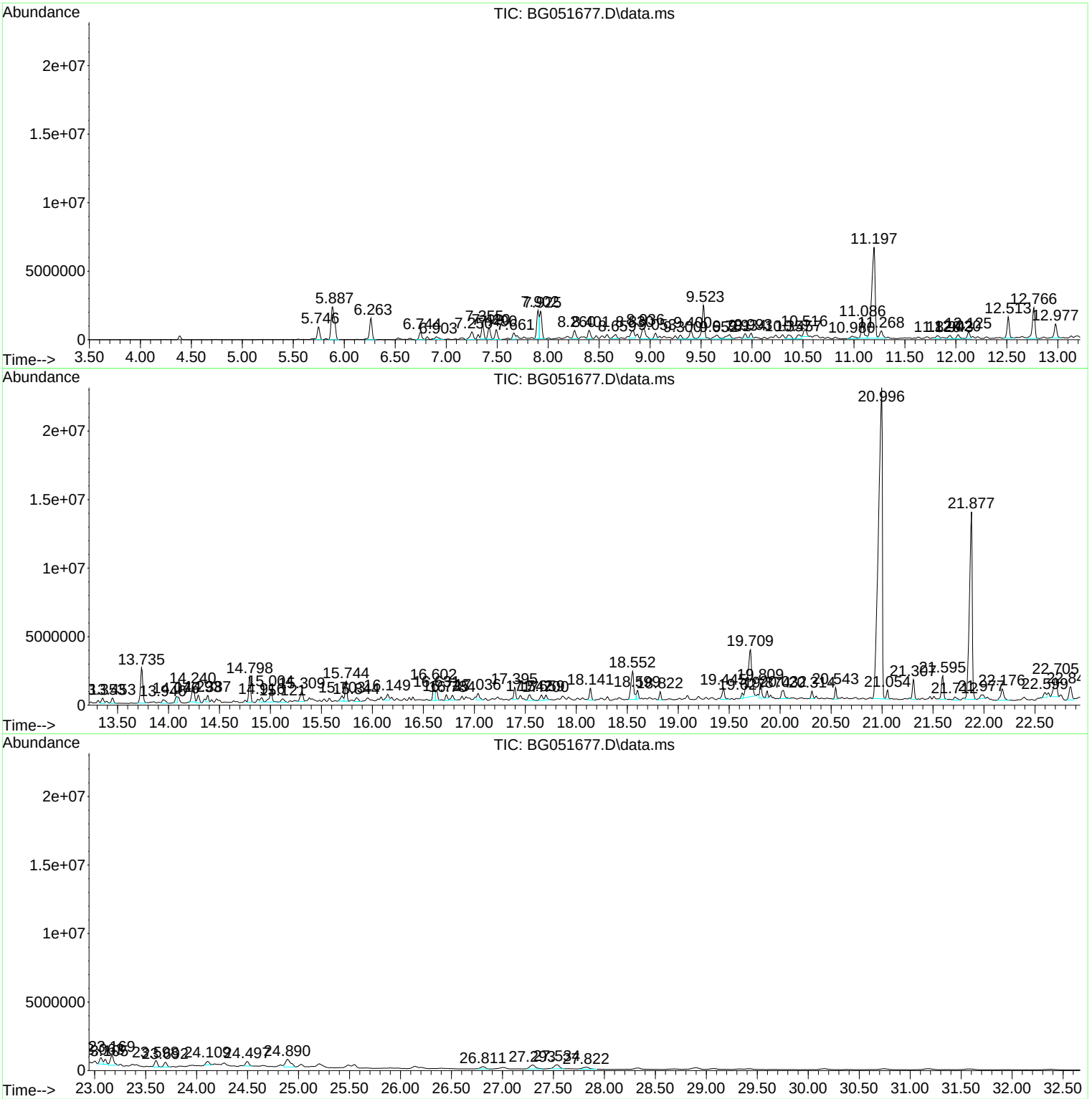
Sum of corrected areas: 236444809

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

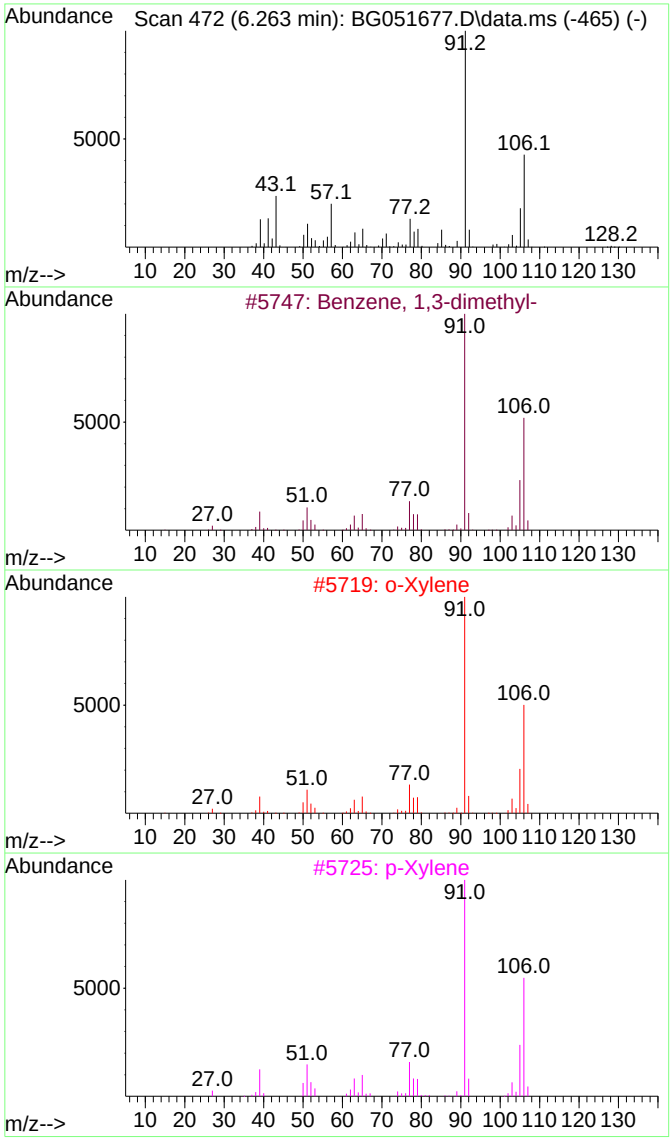
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

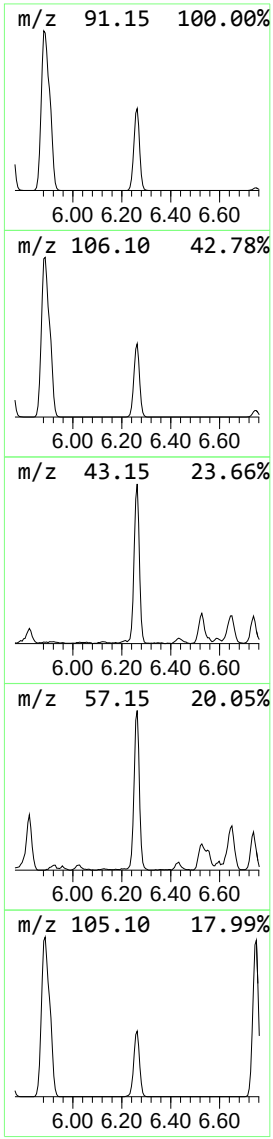
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.263 | 49.33 ng/ul | 2645460 | 1,4-Dichlorobenzene-d4 | 8.278 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 95 |
| 2 | o-Xylene | 106 | C8H10 | 000095-47-6 | 95 |
| 3 | p-Xylene | 106 | C8H10 | 000106-42-3 | 95 |
| 4 | p-Xylene | 106 | C8H10 | 000106-42-3 | 95 |
| 5 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

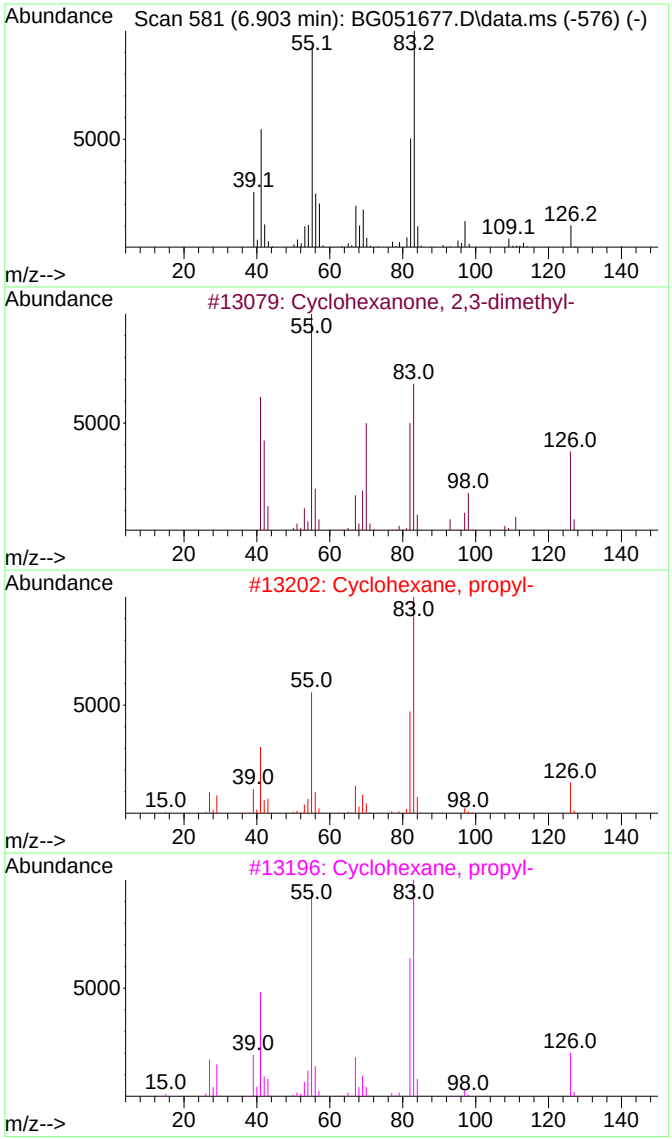
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

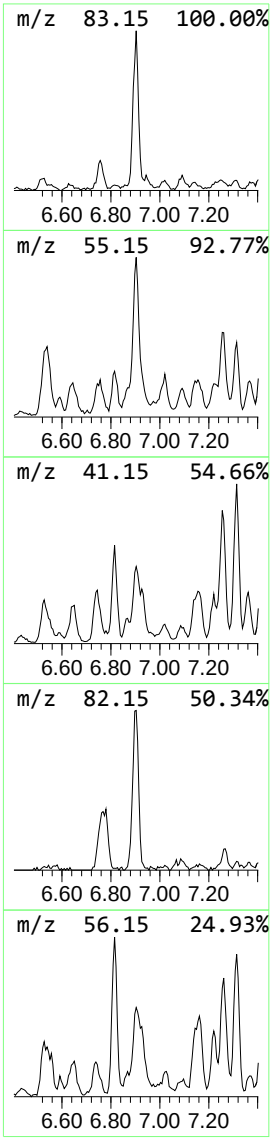
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Cyclohexanone, 2,3-dimethyl- Concentration Rank 60

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.903 | 9.28 ng/ul | 497588 | 1,4-Dichlorobenzene-d4 | 8.278 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexanone, 2,3-dimethyl- | 126 | C8H14O | 013395-76-1 | 87 |
| 2 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 72 |
| 3 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 72 |
| 4 | Cyclohexane, (3-methylpentyl)- | 168 | C12H24 | 061142-38-9 | 64 |
| 5 | Cyclopentane, 1-ethyl-1-methyl- | 112 | C8H16 | 016747-50-5 | 62 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

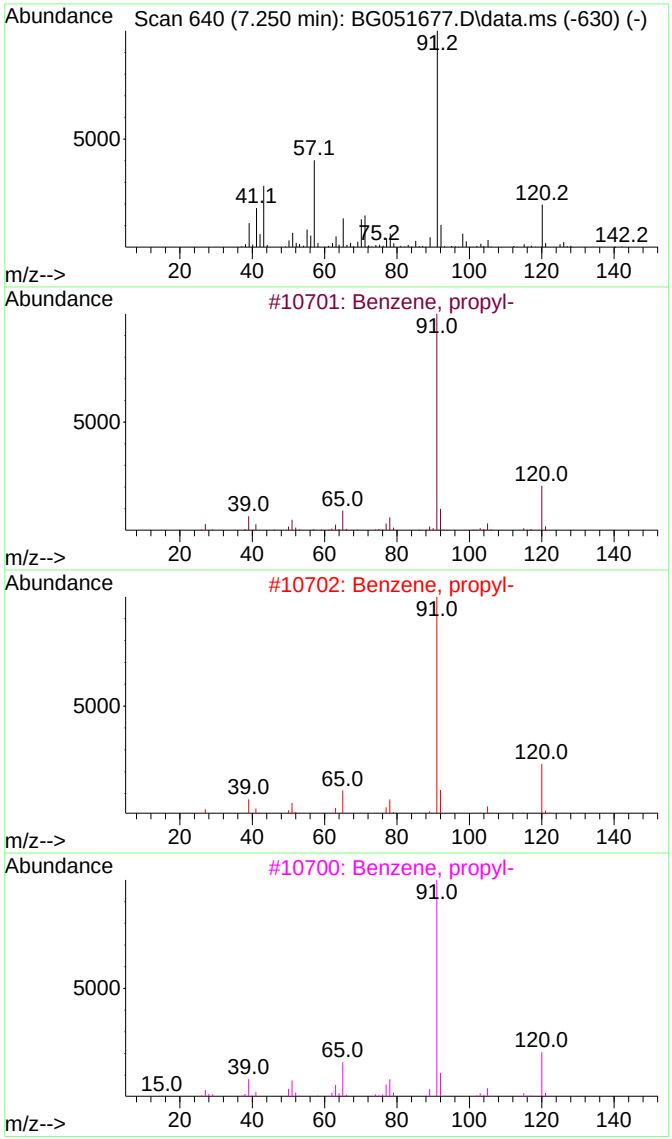
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

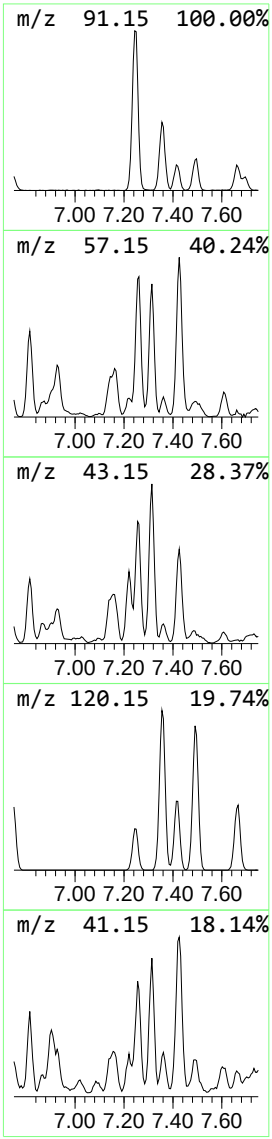
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, propyl- Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.250 | 22.81 ng/ul | 1223230 | 1,4-Dichlorobenzene-d4 | 8.278 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 60 |
| 2 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 60 |
| 3 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 50 |
| 4 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 49 |
| 5 | N-Benzyl-2-phenethylamine | 211 | C15H17N | 003647-71-0 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

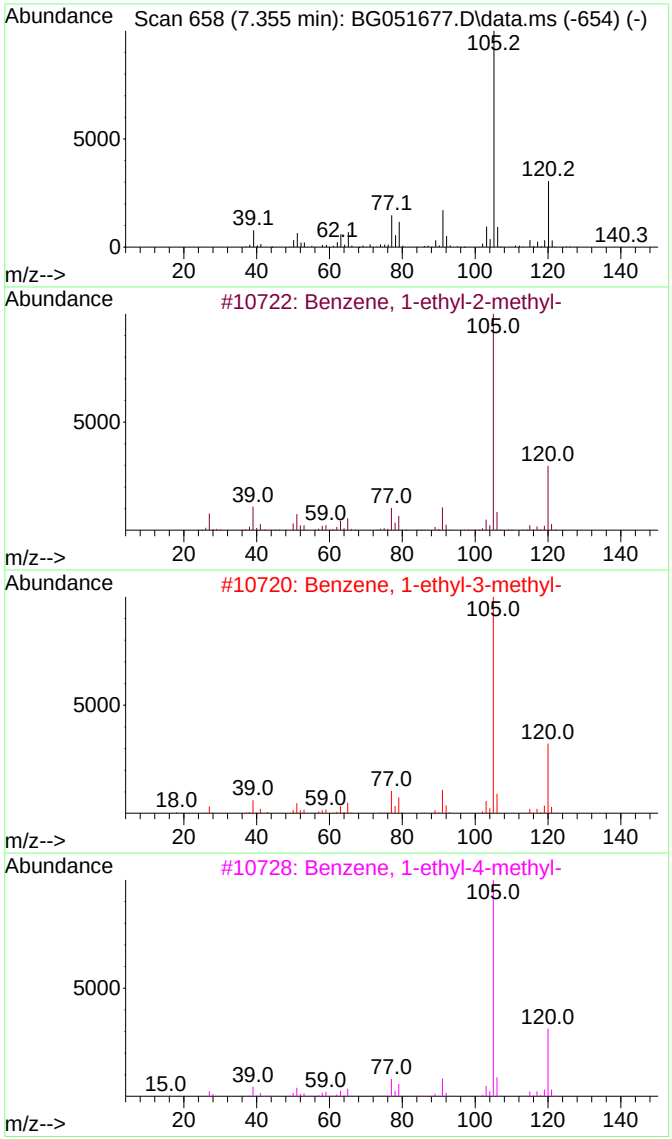
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

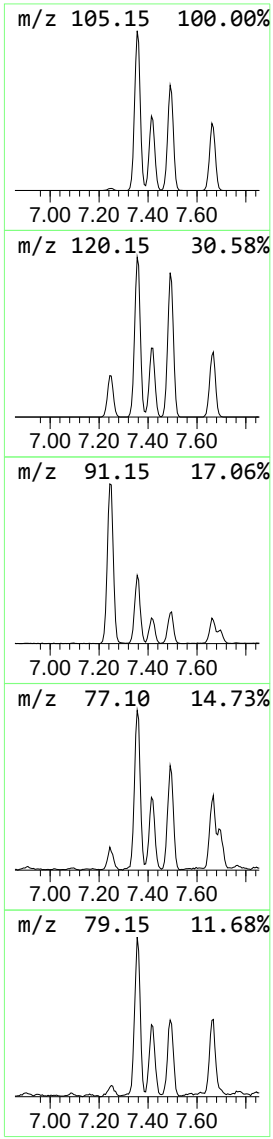
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.355 | 30.26 ng/ul | 1622740 | 1,4-Dichlorobenzene-d4 | 8.278 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 3 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 5 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

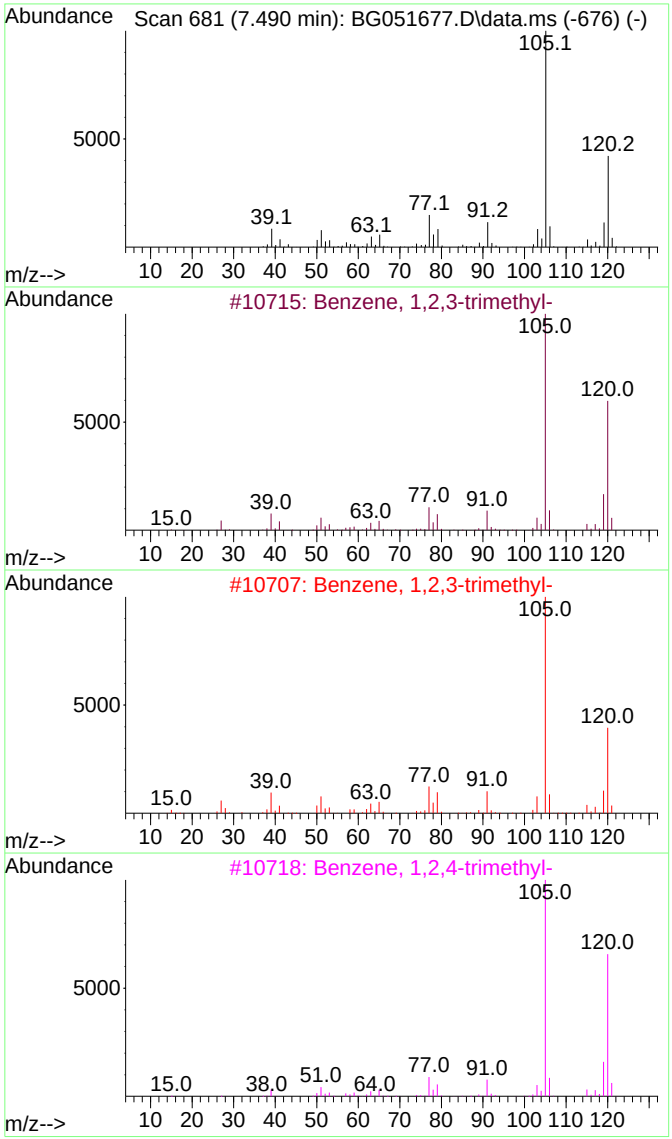
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

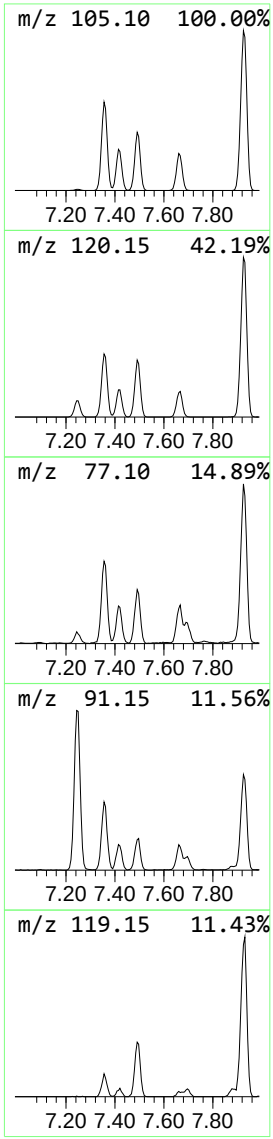
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.490 | 22.31 ng/ul | 1196420 | 1,4-Dichlorobenzene-d4 | 8.278 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 94 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 94 |
| 5 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

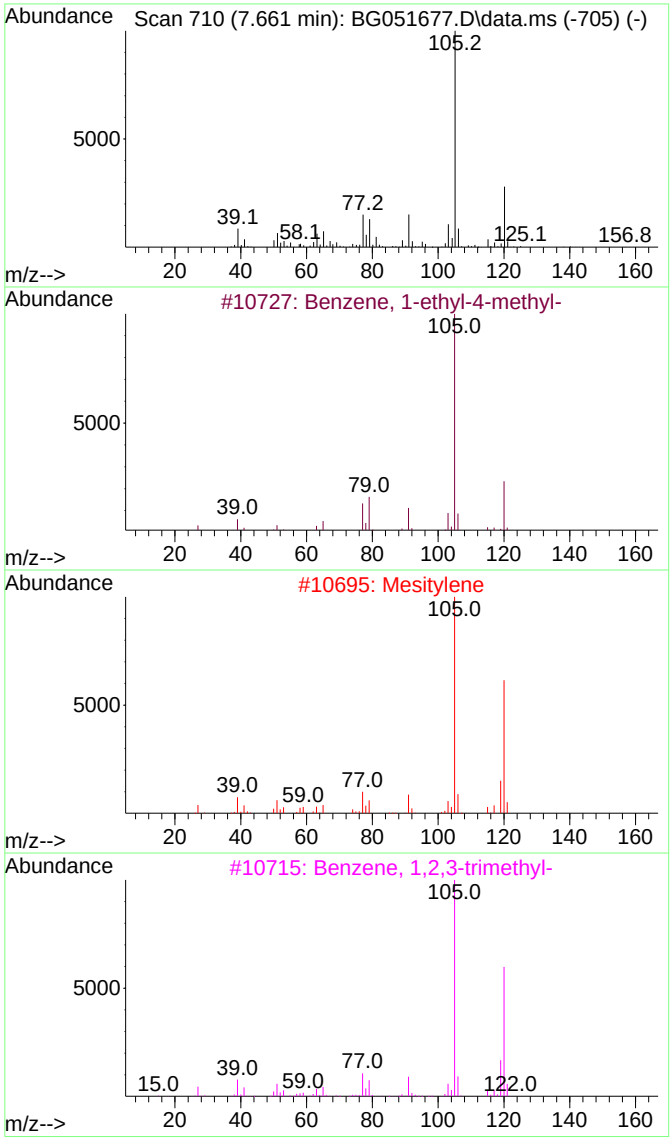
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

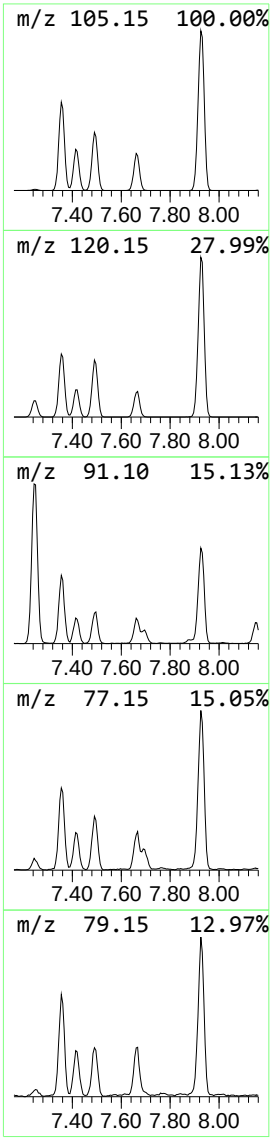
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 1-ethyl-4-methyl- Concentration Rank 53

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.661 | 15.08 ng/ul | 808587 | 1,4-Dichlorobenzene-d4 | 8.278 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 94 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 4 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 91 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

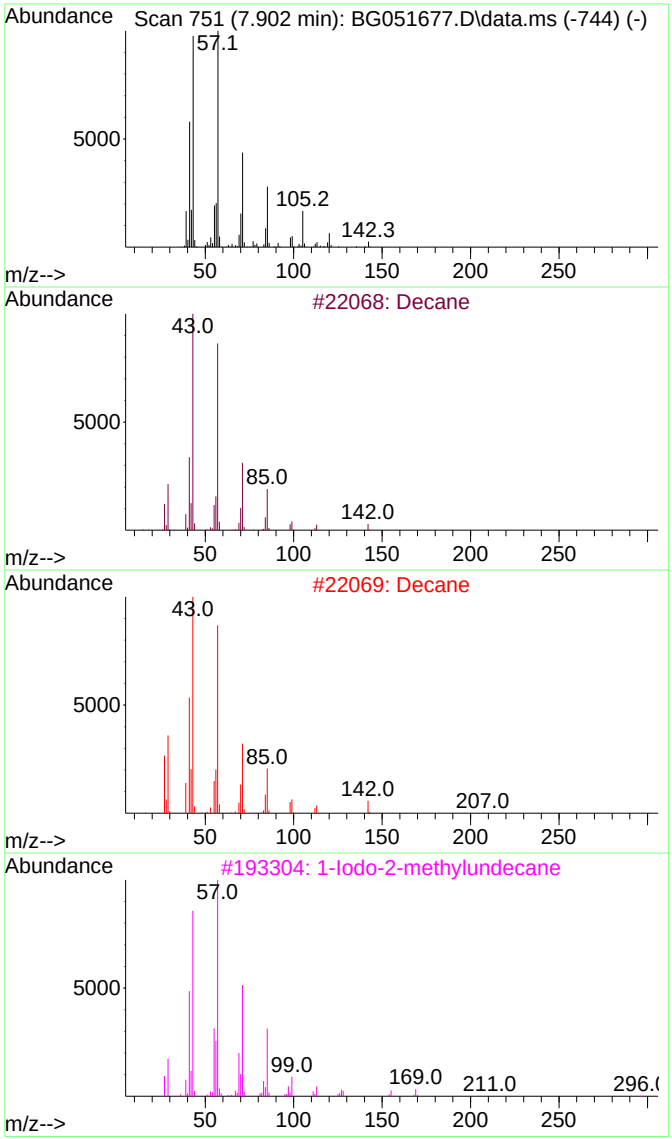
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

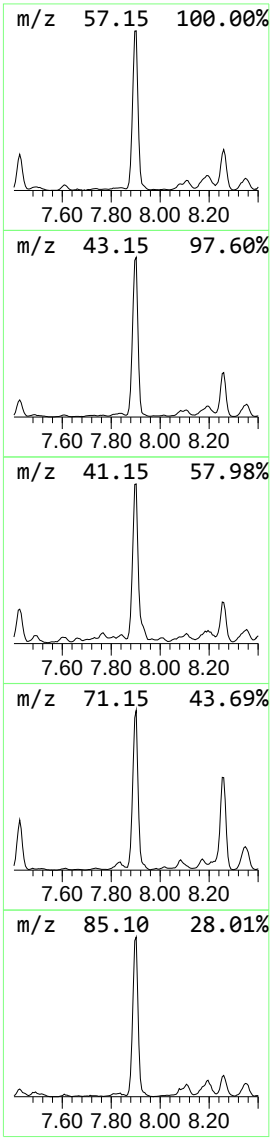
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.902 | 63.86 ng/ul | 3424950 | 1,4-Dichlorobenzene-d4 | 8.278 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane | 142 | C10H22 | 000124-18-5 | 90 |
| 2 | Decane | 142 | C10H22 | 000124-18-5 | 78 |
| 3 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 64 |
| 4 | Decane | 142 | C10H22 | 000124-18-5 | 64 |
| 5 | Nonane | 128 | C9H20 | 000111-84-2 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

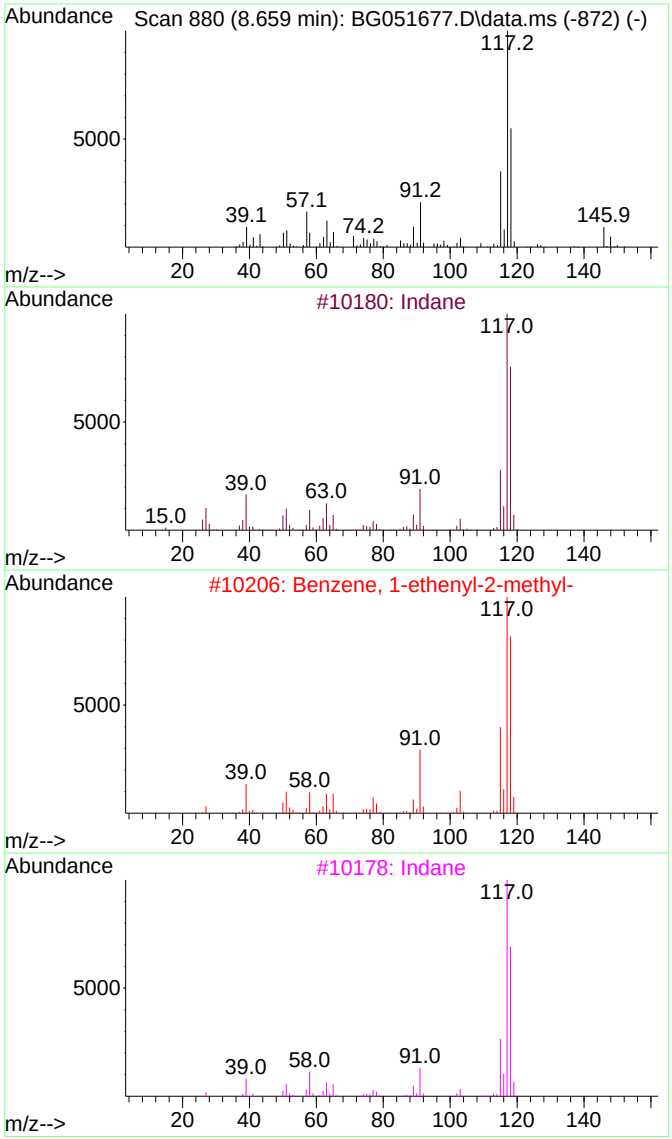
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

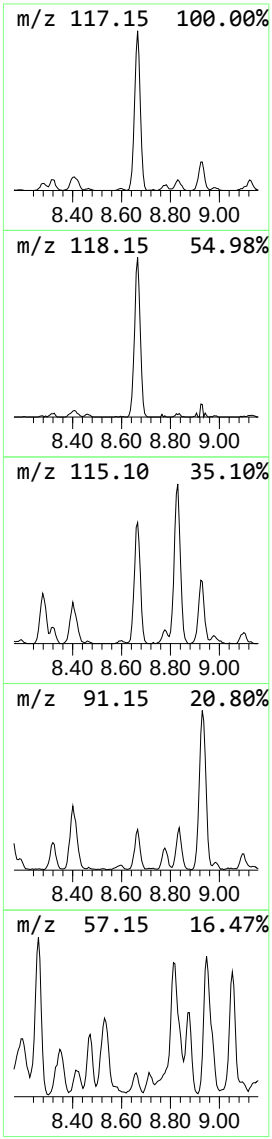
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Indane Concentration Rank 56

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.659 | 12.95 ng/ul | 694739 | 1,4-Dichlorobenzene-d4 | 8.278 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 90 |
| 2 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 76 |
| 3 | Indane | 118 | C9H10 | 000496-11-7 | 76 |
| 4 | Indane | 118 | C9H10 | 000496-11-7 | 76 |
| 5 | Indane | 118 | C9H10 | 000496-11-7 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

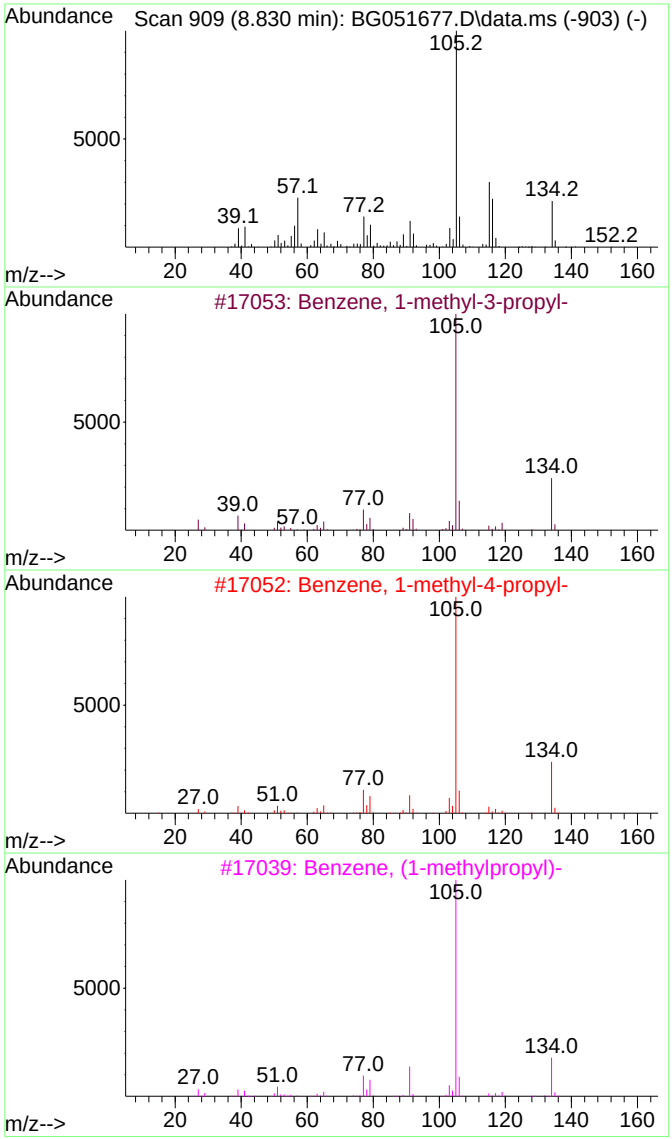
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

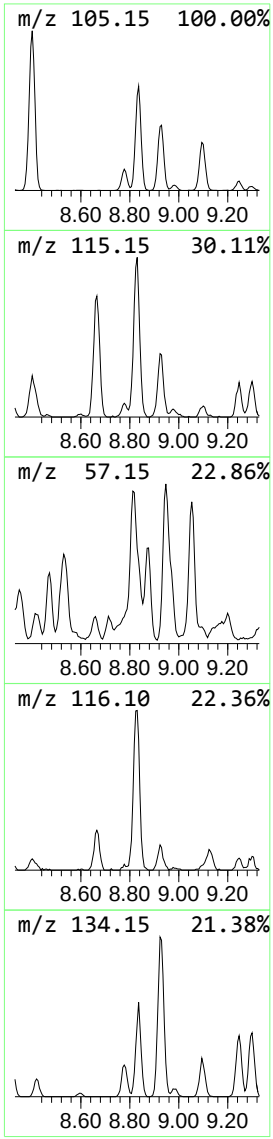
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 Benzene, 1-methyl-3-propyl- Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.830 | 26.30 ng/ul | 1410340 | 1,4-Dichlorobenzene-d4 | 8.278 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 60 |
| 2 | Benzene, 1-methyl-4-propyl- | 134 | C10H14 | 001074-55-1 | 55 |
| 3 | Benzene, (1-methylpropyl)- | 134 | C10H14 | 000135-98-8 | 55 |
| 4 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 55 |
| 5 | Benzene, 1-methyl-3-propyl- | 134 | C10H14 | 001074-43-7 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

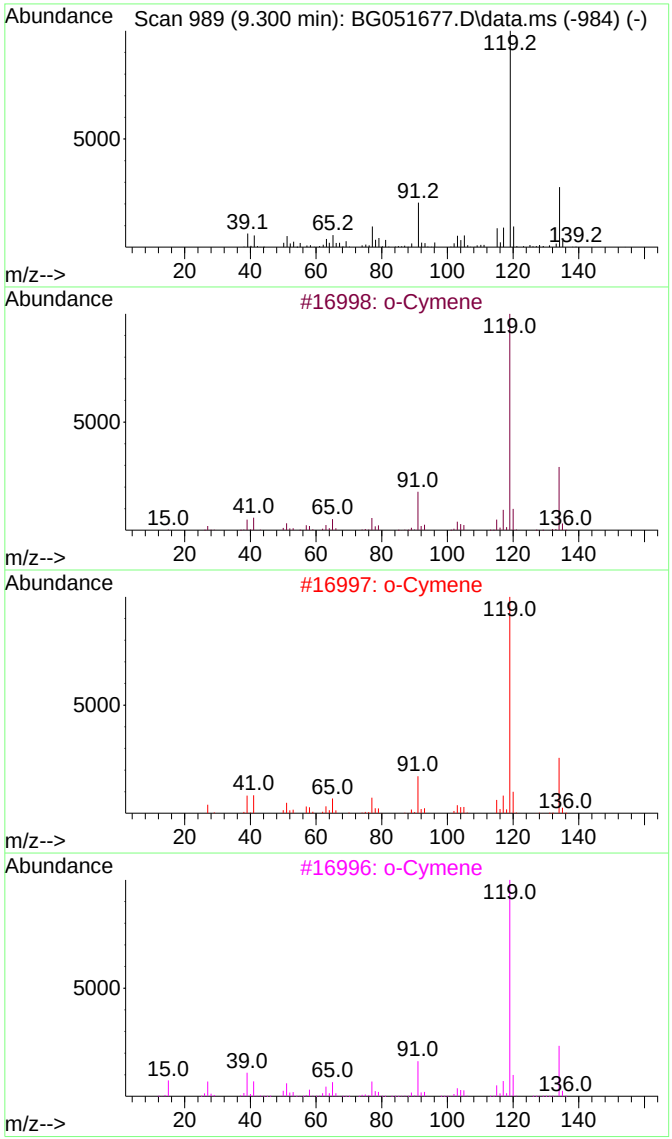
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

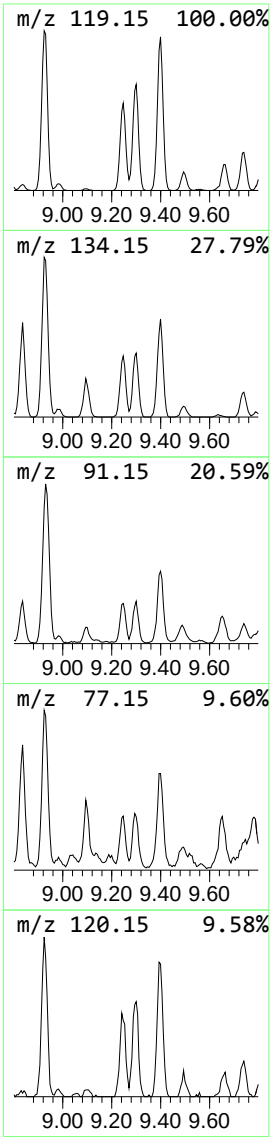
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 o-Cymene Concentration Rank 59

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.300 | 9.69 ng/ul | 519819 | 1,4-Dichlorobenzene-d4 | 8.278 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 2 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 3 | o-Cymene | 134 | C10H14 | 000527-84-4 | 95 |
| 4 | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14 | 000535-77-3 | 95 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

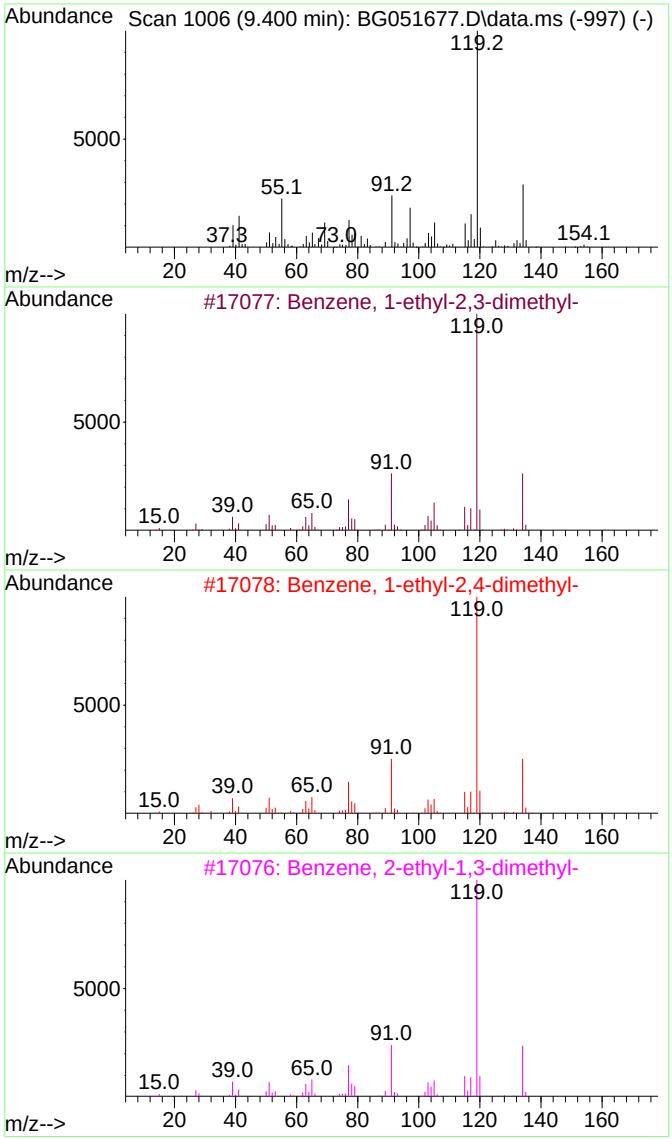
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

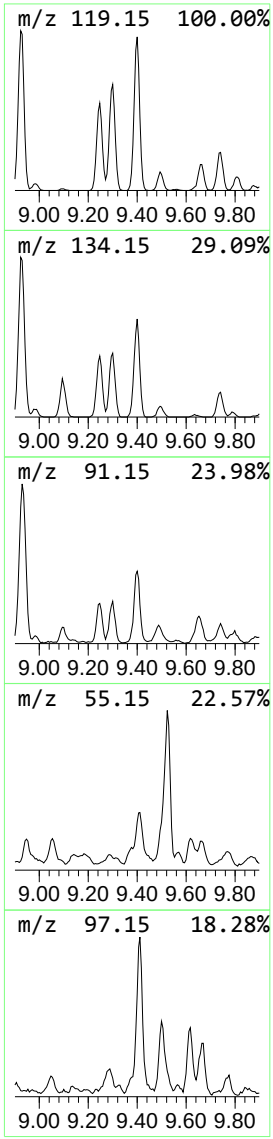
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 16 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.400 | 24.48 ng/ul | 1312670 | 1,4-Dichlorobenzene-d4 | 8.278 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 96 |
| 2 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 96 |
| 3 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 95 |
| 4 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 94 |
| 5 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

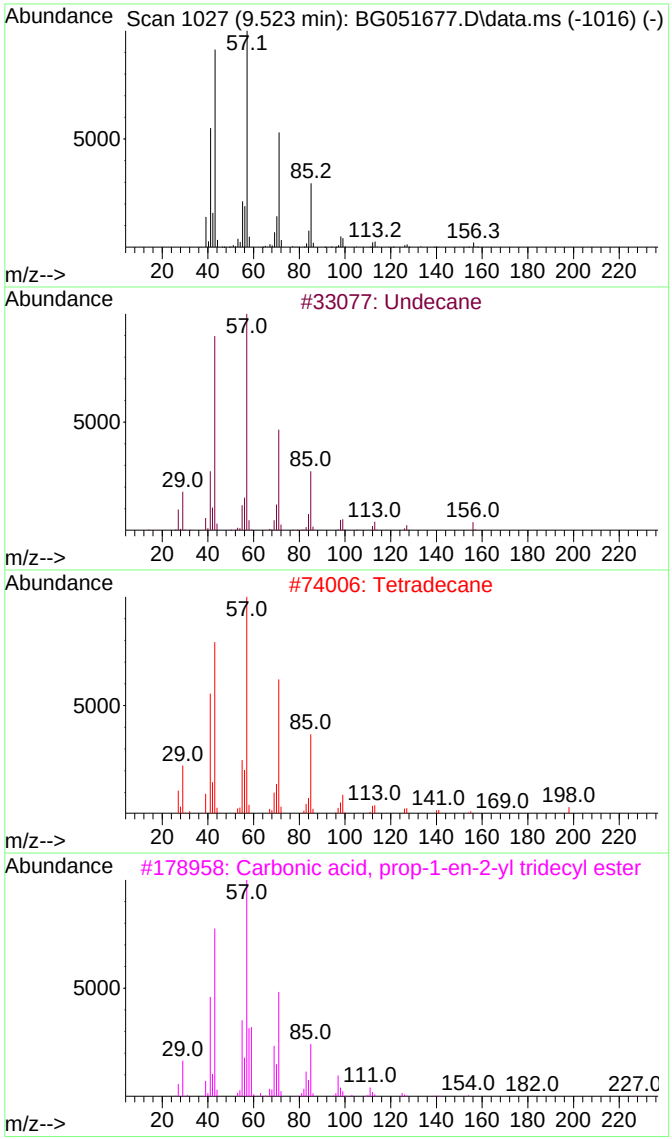
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

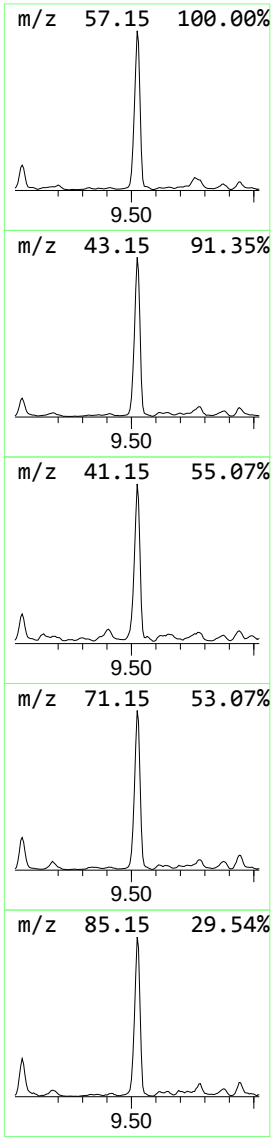
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.523 | 77.46 ng/ul | 4154040 | 1,4-Dichlorobenzene-d4 | 8.278 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane | 156 | C11H24 | 001120-21-4 | 91 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 3 | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3 | 1000382-90-8 | 90 |
| 4 | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 90 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

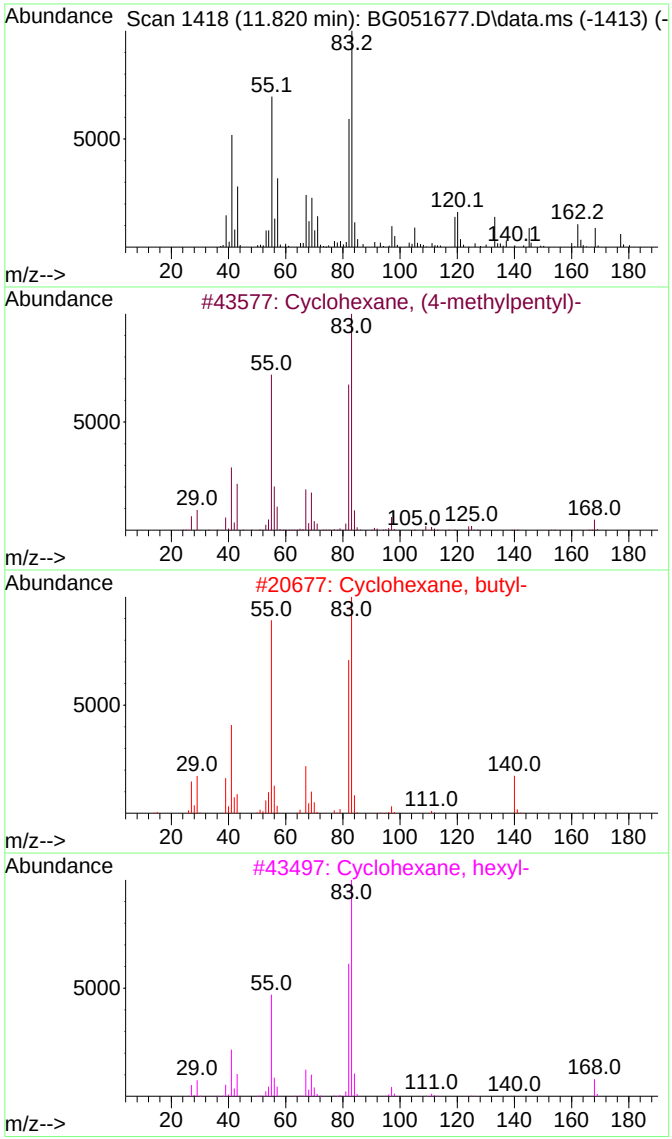
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

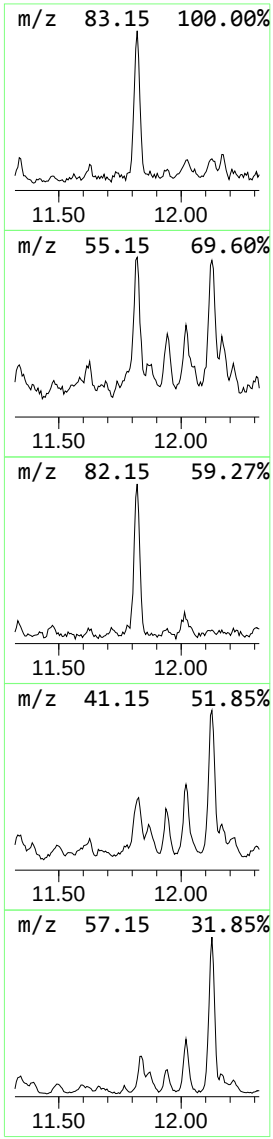
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 (DEL) Alkane: Cyclic11.820 Concentration Rank 75

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.820 | 3.83 ng/ul | 481430 | Naphthalene-d8 | 11.127 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, (4-methylpentyl)- | 168 | C12H24 | 061142-20-9 | 68 |
| 2 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 59 |
| 3 | Cyclohexane, hexyl- | 168 | C12H24 | 004292-75-5 | 58 |
| 4 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 53 |
| 5 | Cyclohexane, 2-propenyl- | 124 | C9H16 | 002114-42-3 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

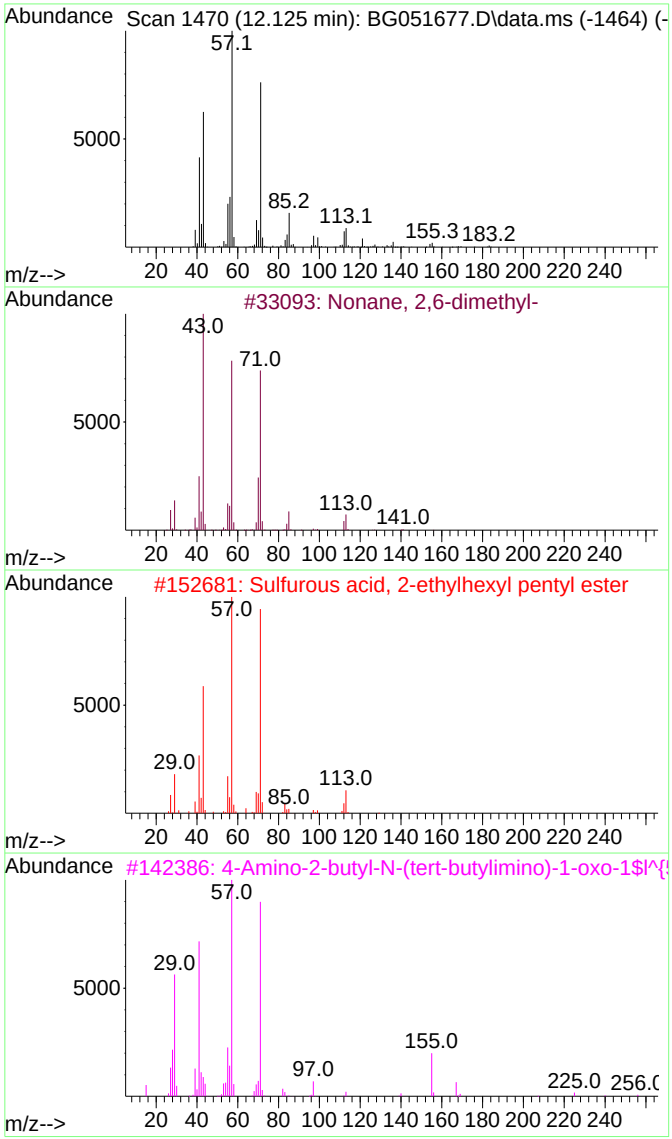
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

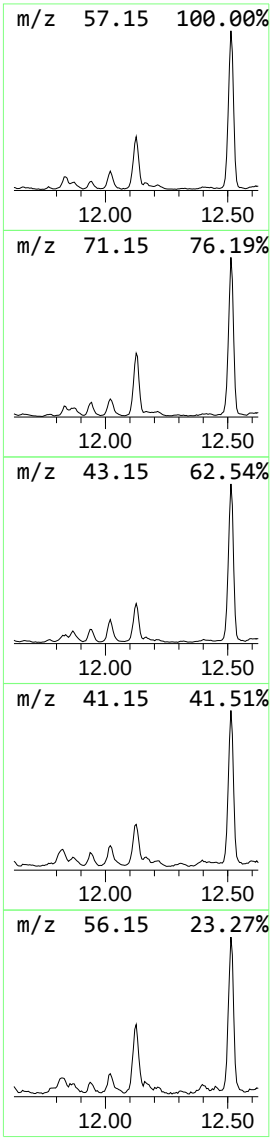
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 65

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.125 | 6.43 ng/ul | 808505 | Naphthalene-d8 | 11.127 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane, 2,6-dimethyl- | 156 | C11H24 | 017302-28-2 | 80 |
| 2 | Sulfurous acid, 2-ethylhexyl pen... | 264 | C13H28O3S | 1000309-18-9 | 59 |
| 3 | 4-Amino-2-butyl-N-(tert-butylimi... | 256 | C10H20N6O2 | 1010411-43-7 | 53 |
| 4 | Sulfurous acid, isobutyl pentyl ... | 208 | C9H20O3S | 1000309-13-8 | 50 |
| 5 | Decane, 3,4-dimethyl- | 170 | C12H26 | 017312-45-7 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

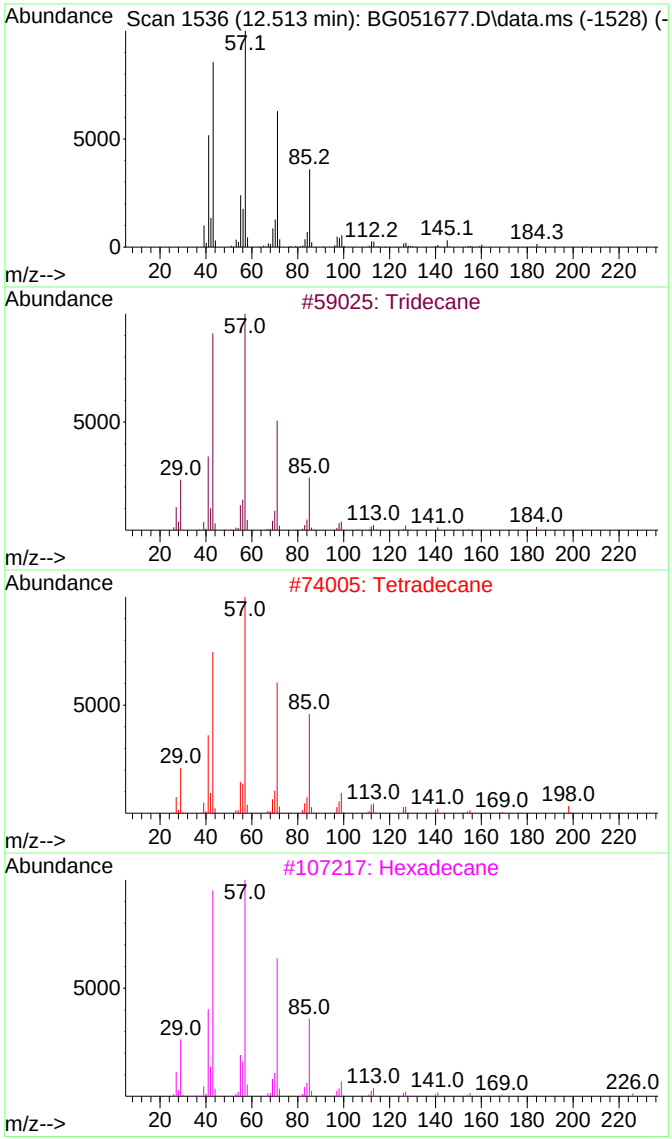
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

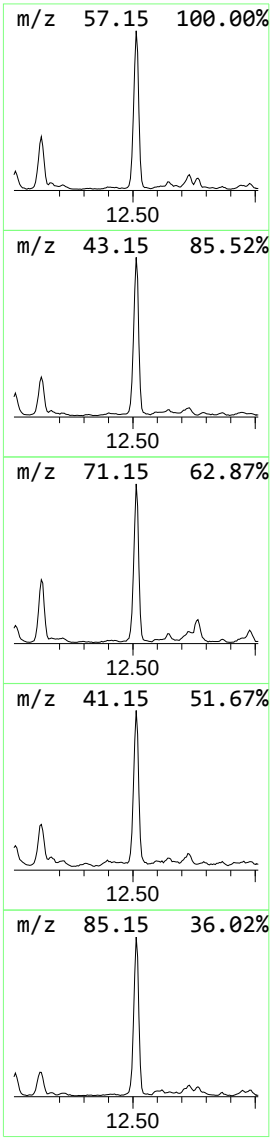
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 46

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.513 | 19.15 ng/ul | 2405900 | Naphthalene-d8 | 11.127 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 93 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 86 |
| 3 | Hexadecane | 226 | C16H34 | 000544-76-3 | 86 |
| 4 | Hexadecane | 226 | C16H34 | 000544-76-3 | 86 |
| 5 | Heptadecane, 7-methyl- | 254 | C18H38 | 020959-33-5 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

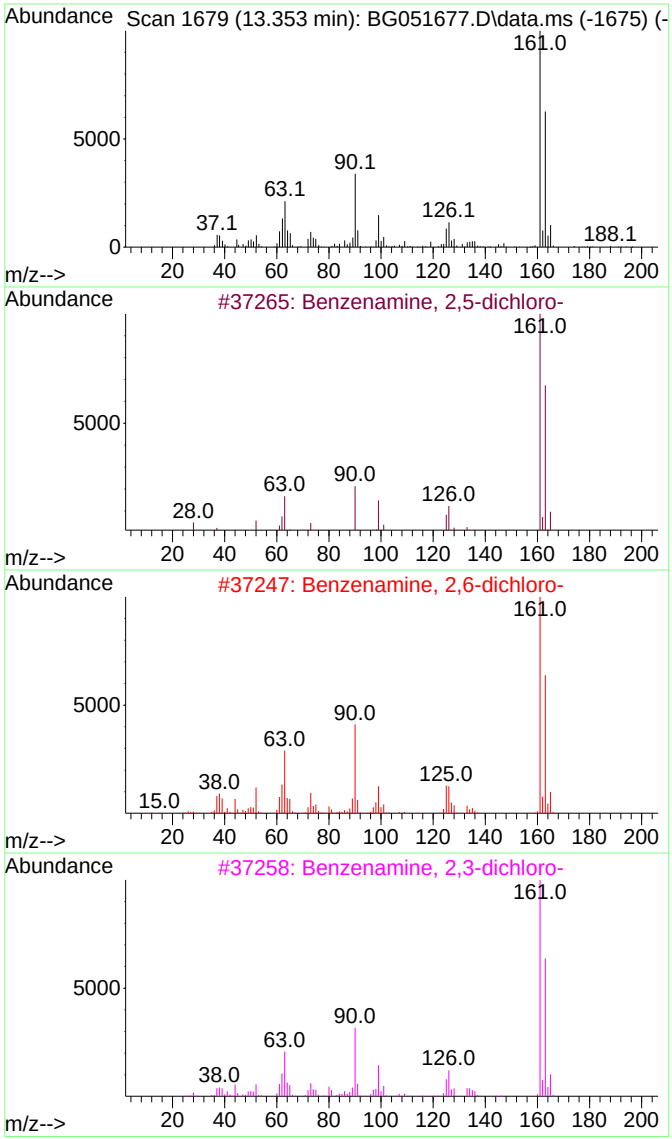
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

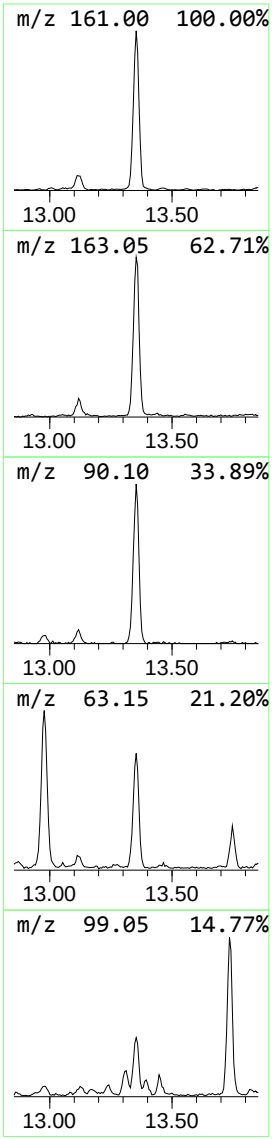
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 31 Benzenamine, 2,5-dichloro- Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.353 | 24.47 ng/ul | 644918 | Acenaphthene-d10 | 14.916 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzenamine, 2,5-dichloro- | 161 | C6H5Cl2N | 000095-82-9 | 97 |
| 2 | Benzenamine, 2,6-dichloro- | 161 | C6H5Cl2N | 000608-31-1 | 96 |
| 3 | Benzenamine, 2,3-dichloro- | 161 | C6H5Cl2N | 000608-27-5 | 95 |
| 4 | Benzenamine, 2,5-dichloro- | 161 | C6H5Cl2N | 000095-82-9 | 94 |
| 5 | Benzenamine, 2,4-dichloro- | 161 | C6H5Cl2N | 000554-00-7 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

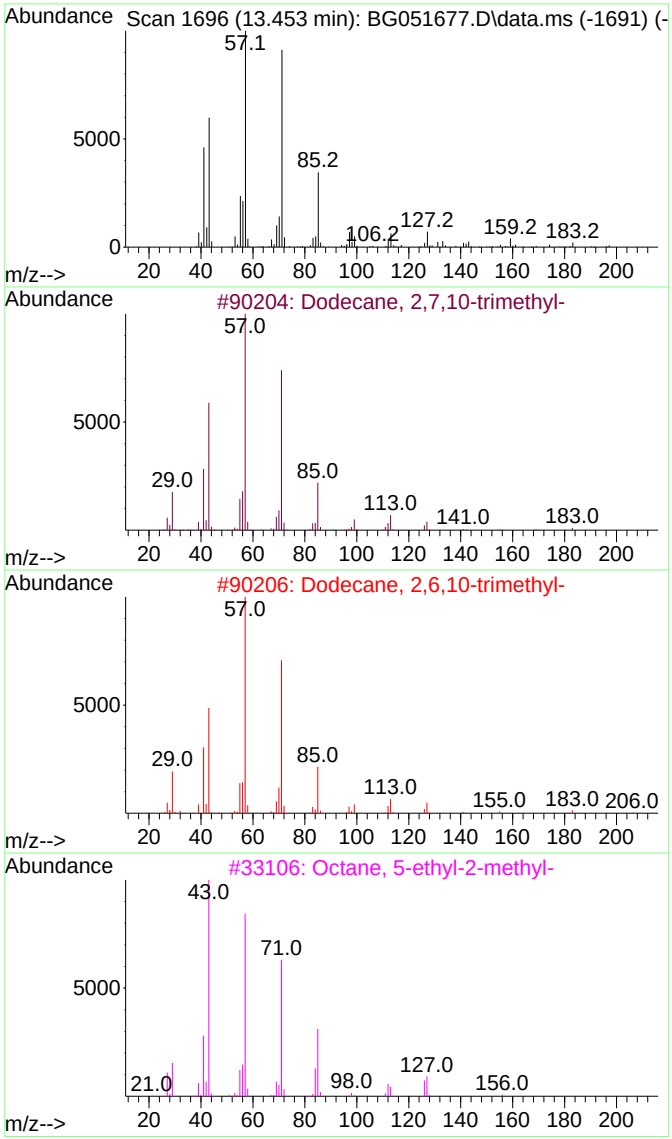
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

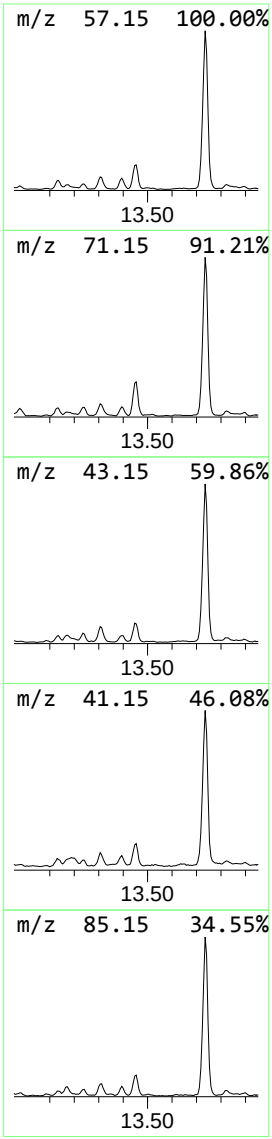
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.453 | 23.47 ng/ul | 618638 | Acenaphthene-d10 | 14.916 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 2,7,10-trimethyl- | 212 | C15H32 | 074645-98-0 | 90 |
| 2 | Dodecane, 2,6,10-trimethyl- | 212 | C15H32 | 003891-98-3 | 86 |
| 3 | Octane, 5-ethyl-2-methyl- | 156 | C11H24 | 062016-18-6 | 64 |
| 4 | Butane, 2,2-dimethyl- | 86 | C6H14 | 000075-83-2 | 53 |
| 5 | 6-Methyl-2-heptanol, 2-methylpro... | 200 | C12H24O2 | 1000447-36-7 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

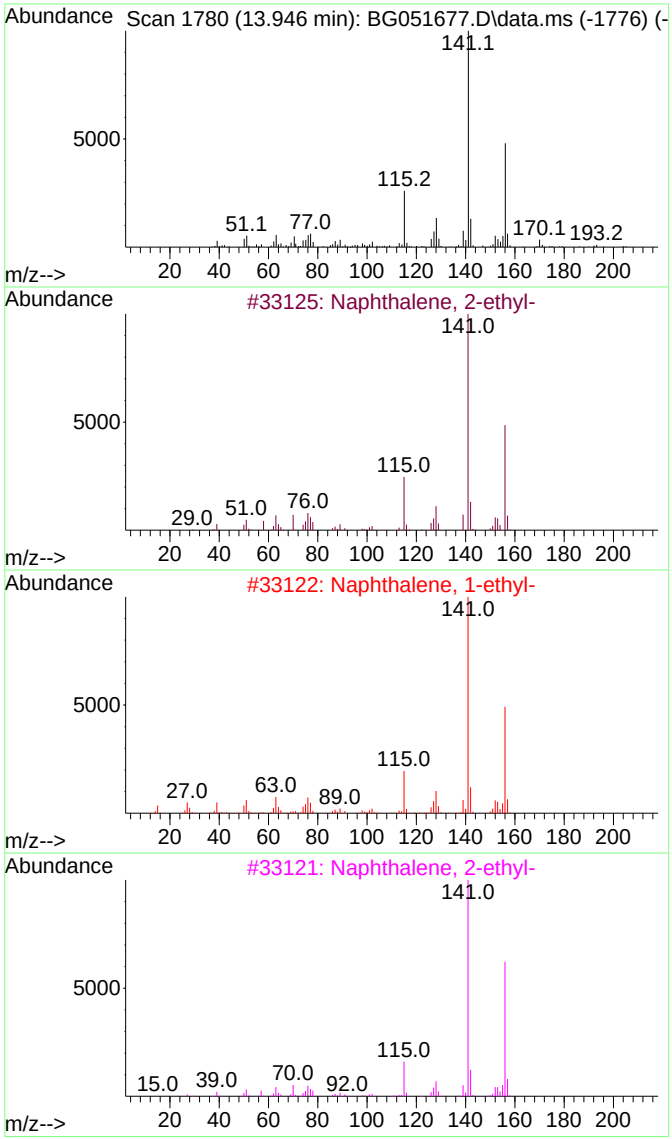
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

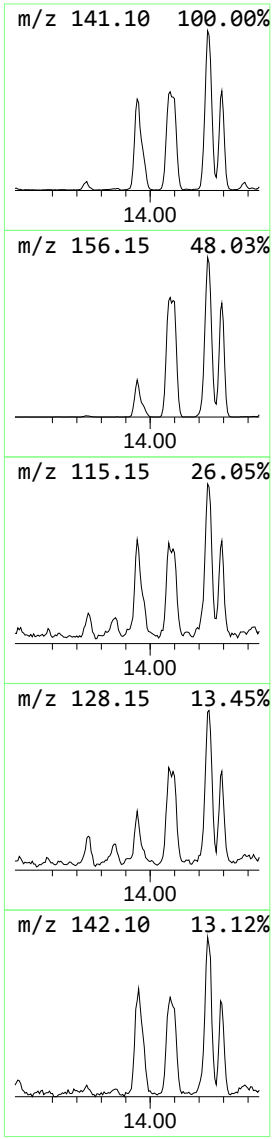
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 Naphthalene, 2-ethyl- Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.946 | 23.88 ng/ul | 629416 | Acenaphthene-d10 | 14.916 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 95 |
| 2 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 94 |
| 3 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 94 |
| 4 | Naphthalene, 1-ethyl- | 156 | C12H12 | 001127-76-0 | 90 |
| 5 | Naphthalene, 2-ethyl- | 156 | C12H12 | 000939-27-5 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

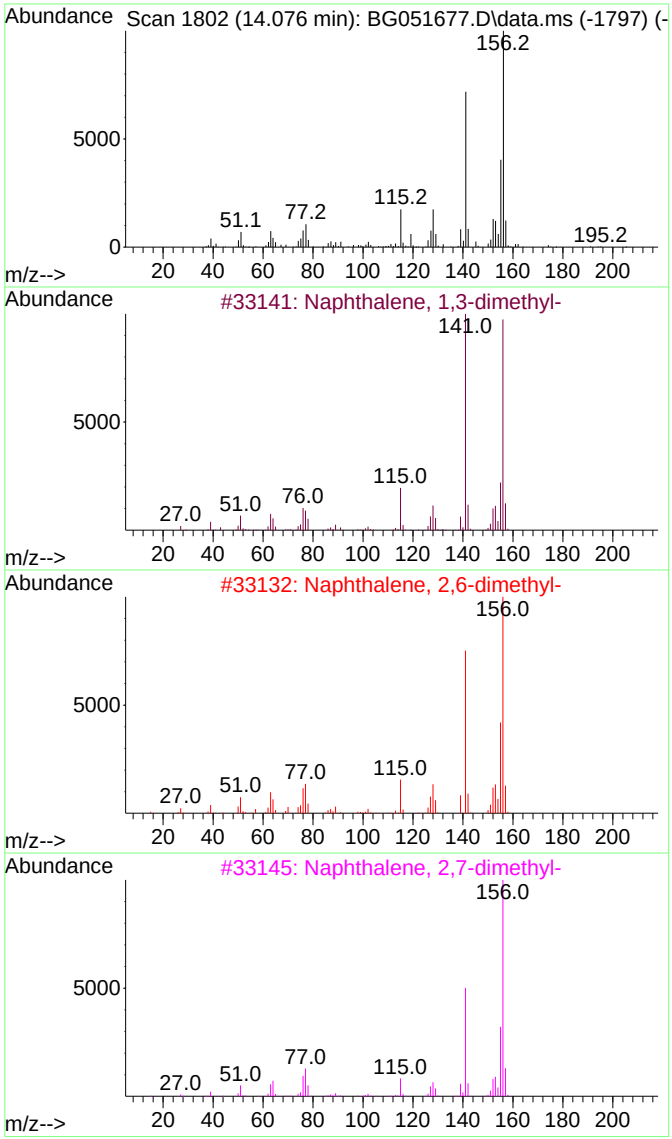
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

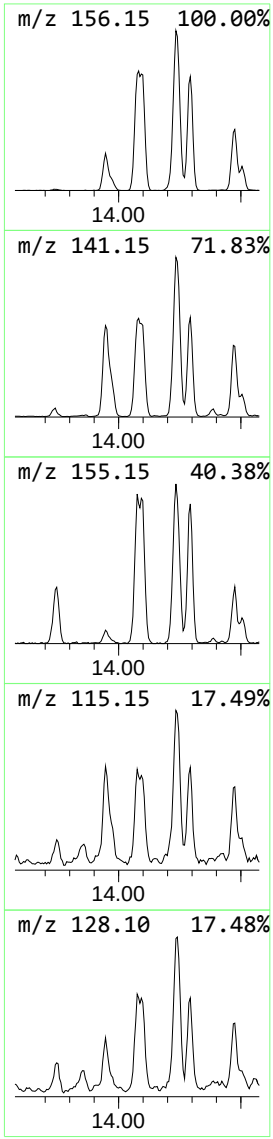
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 34 Naphthalene, 1,3-dimethyl- Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.076 | 27.27 ng/ul | 718791 | Acenaphthene-d10 | 14.916 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 96 |
| 2 | Naphthalene, 2,6-dimethyl- | 156 | C12H12 | 000581-42-0 | 96 |
| 3 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 96 |
| 4 | Naphthalene, 1,6-dimethyl- | 156 | C12H12 | 000575-43-9 | 96 |
| 5 | Naphthalene, 2,7-dimethyl- | 156 | C12H12 | 000582-16-1 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

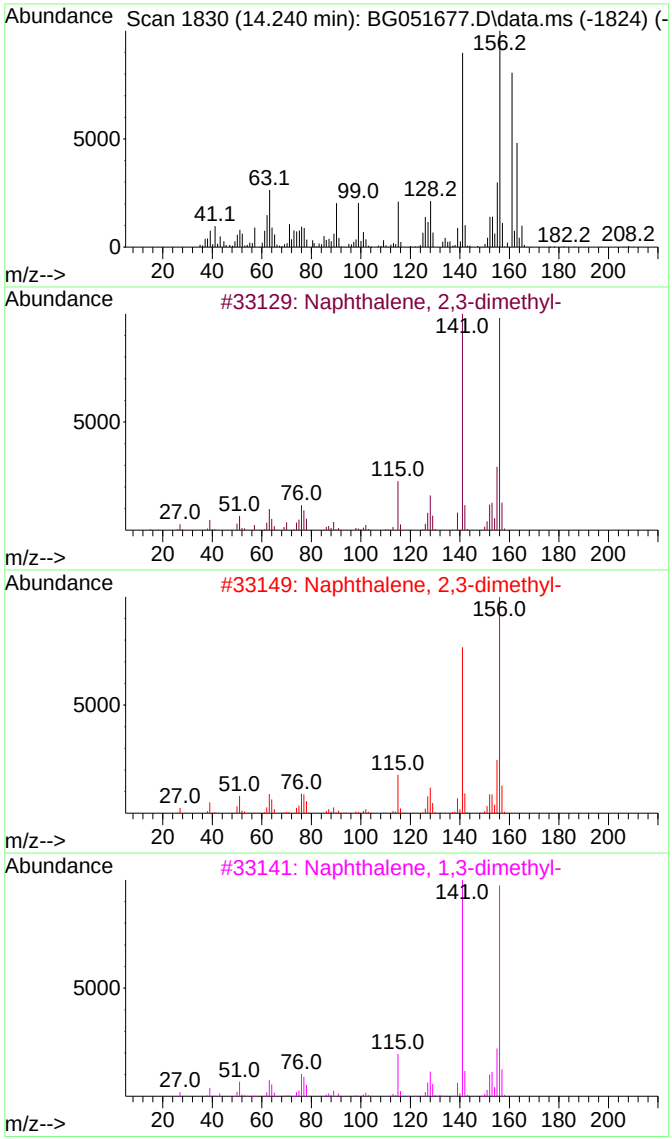
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

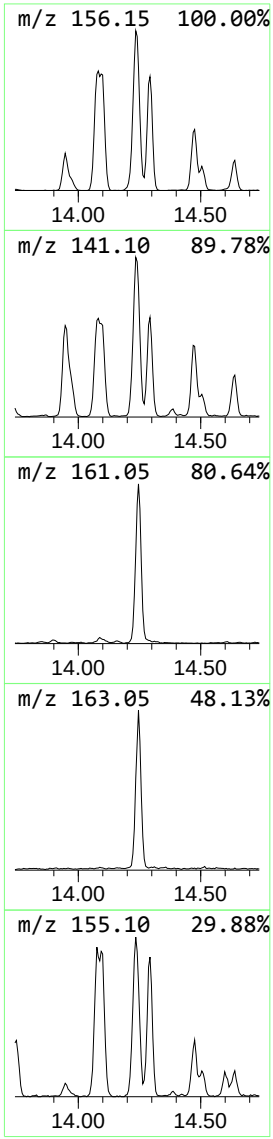
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 35 Naphthalene, 2,3-dimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.240 | 77.04 ng/ul | 2030340 | Acenaphthene-d10 | 14.916 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 95 |
| 2 | Naphthalene, 2,3-dimethyl- | 156 | C12H12 | 000581-40-8 | 94 |
| 3 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 93 |
| 4 | Naphthalene, 1,3-dimethyl- | 156 | C12H12 | 000575-41-7 | 93 |
| 5 | Benzenamine, 3,4-dichloro- | 161 | C6H5Cl2N | 000095-76-1 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

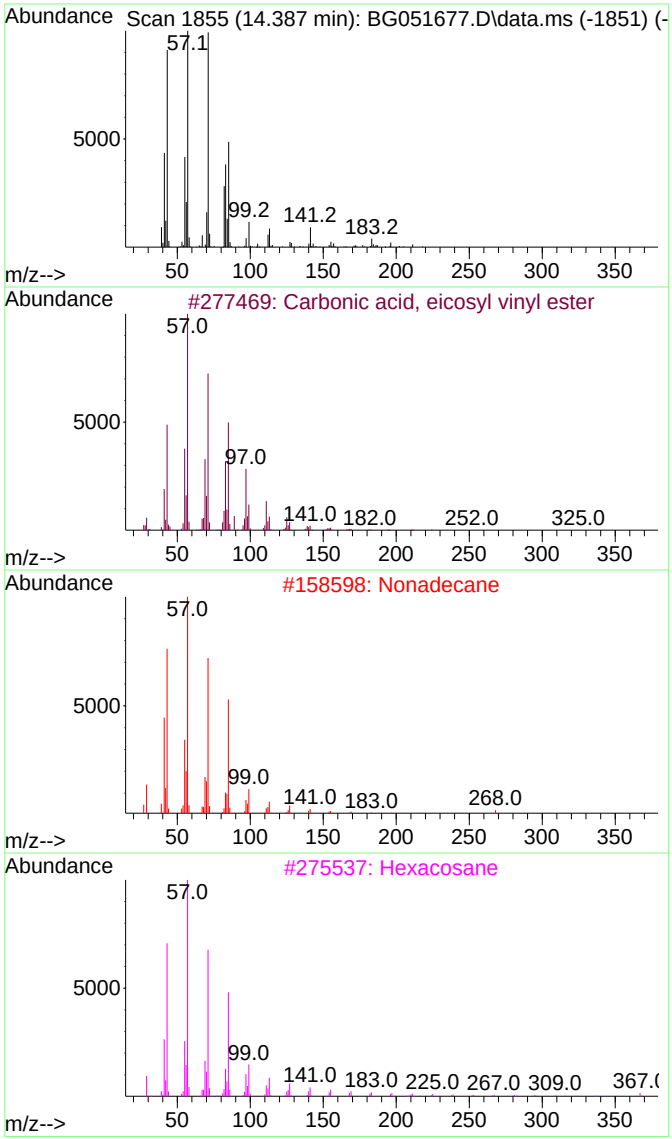
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

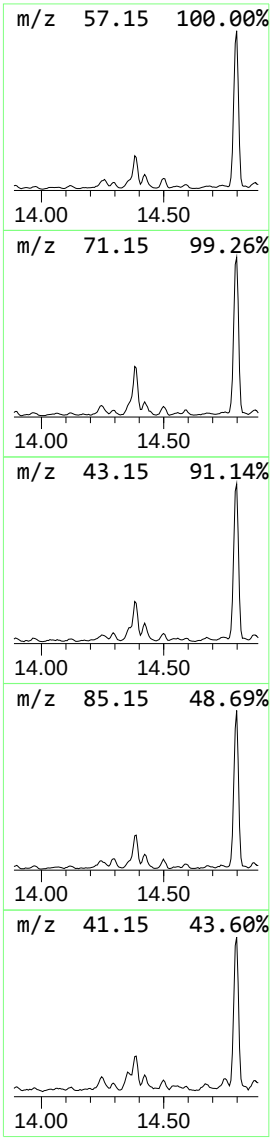
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 36 Carbonic acid, eicosyl viny... Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.387 | 23.19 ng/ul | 611124 | Acenaphthene-d10 | 14.916 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 80 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 64 |
| 3 | Hexacosane | 366 | C26H54 | 000630-01-3 | 64 |
| 4 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 58 |
| 5 | Undecane, 4,8-dimethyl- | 184 | C13H28 | 017301-33-6 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

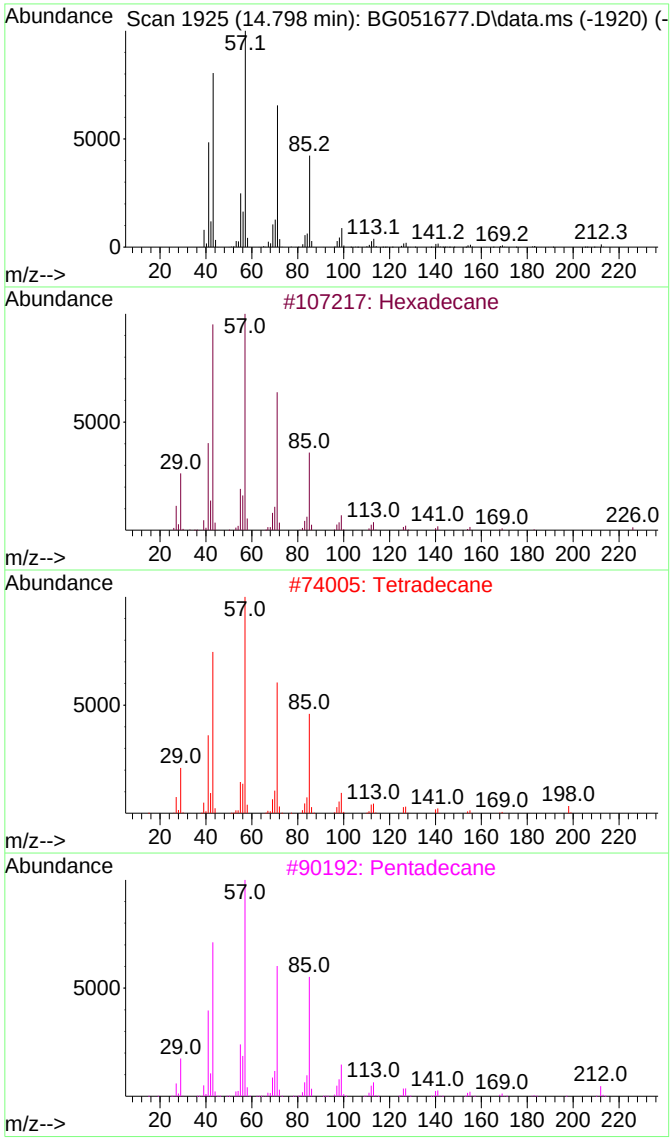
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

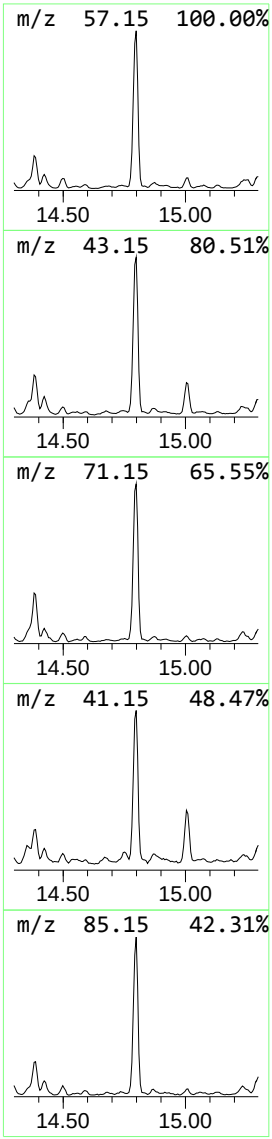
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.798 | 94.94 ng/ul | 2502250 | Acenaphthene-d10 | 14.916 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 90 |
| 3 | Pentadecane | 212 | C15H32 | 000629-62-9 | 90 |
| 4 | Pentadecane | 212 | C15H32 | 000629-62-9 | 90 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

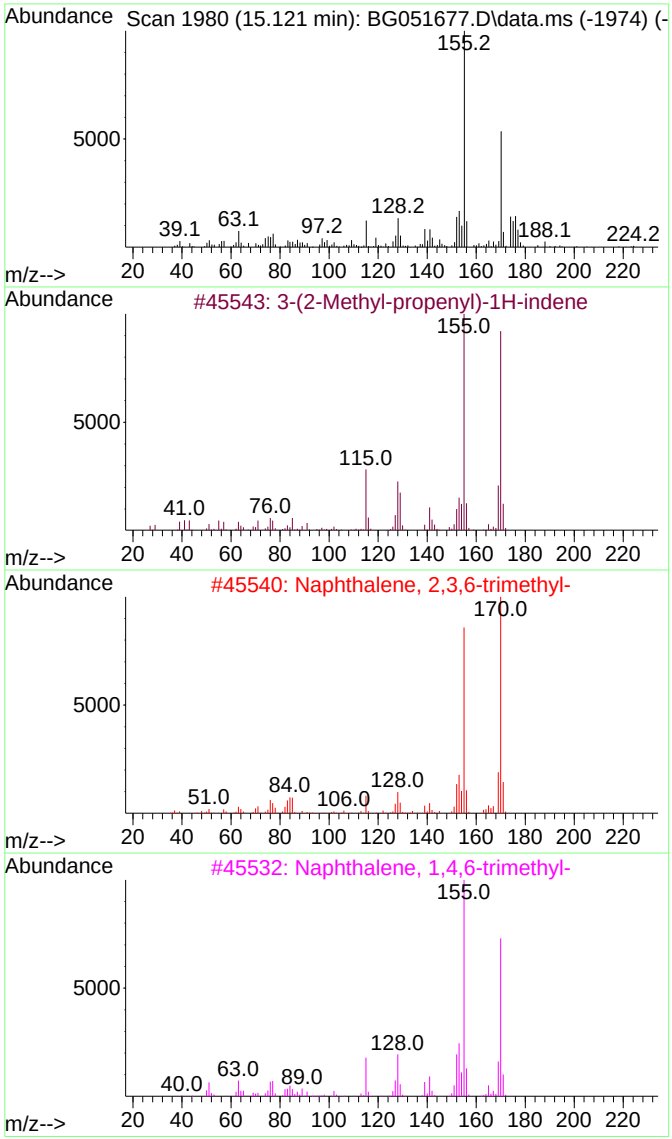
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

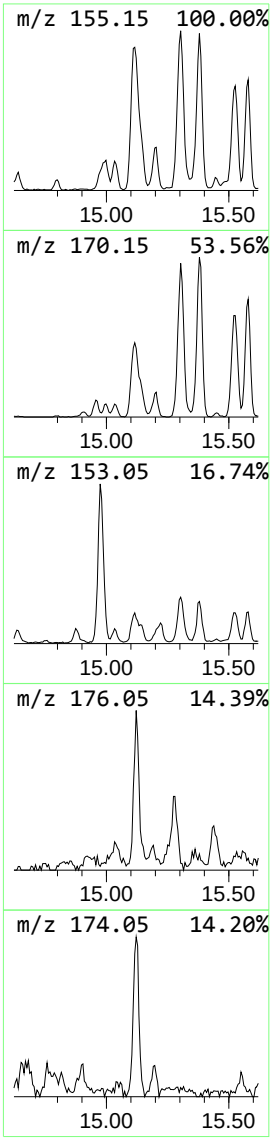
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 38 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.121 | 21.23 ng/ul | 559593 | Acenaphthene-d10 | 14.916 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-(2-Methyl-propenyl)-1H-indene | 170 | C13H14 | 1000187-78-5 | 93 |
| 2 | Naphthalene, 2,3,6-trimethyl- | 170 | C13H14 | 000829-26-5 | 91 |
| 3 | Naphthalene, 1,4,6-trimethyl- | 170 | C13H14 | 002131-42-2 | 90 |
| 4 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 87 |
| 5 | Naphthalene, 2-(1-methylethyl)- | 170 | C13H14 | 002027-17-0 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

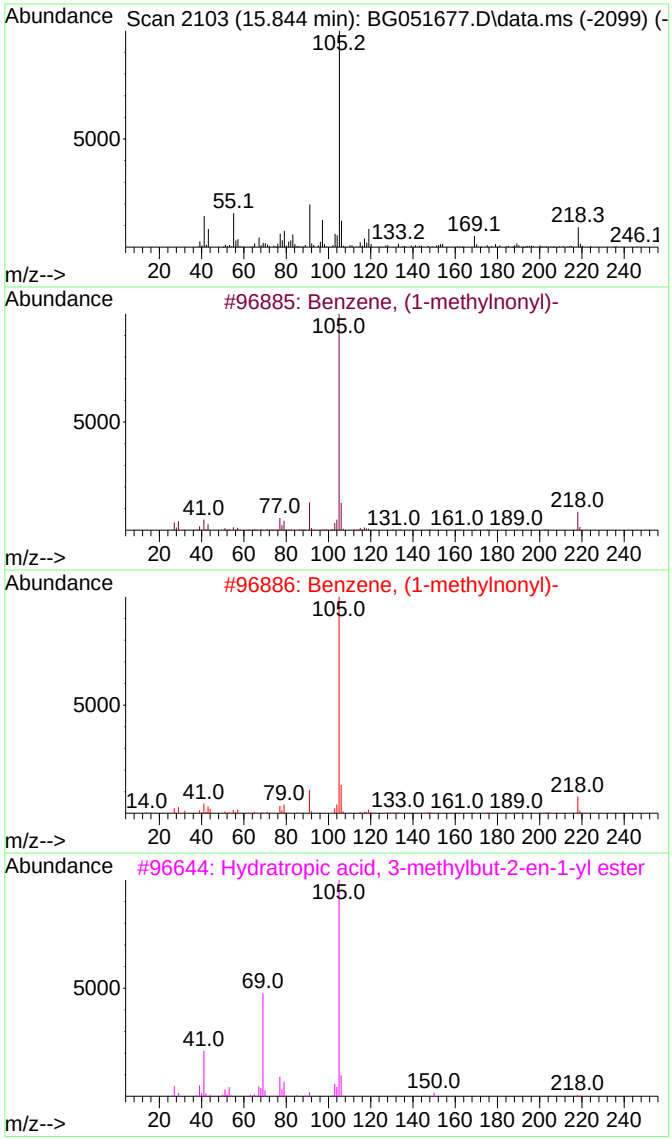
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

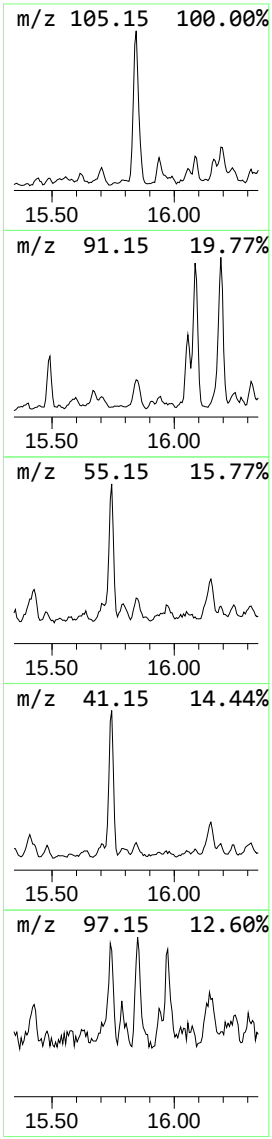
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 39 Benzene, (1-methylnonyl)- Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.844 | 20.79 ng/ul | 547942 | Acenaphthene-d10 | 14.916 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylnonyl)- | 218 | C16H26 | 004537-13-7 | 52 |
| 2 | Benzene, (1-methylnonyl)- | 218 | C16H26 | 004537-13-7 | 52 |
| 3 | Hydratropic acid, 3-methylbut-2-... | 218 | C14H18O2 | 1000406-95-5 | 50 |
| 4 | Benzene, (1-methyldecyl)- | 232 | C17H28 | 004536-88-3 | 43 |
| 5 | Succinic acid, 2,4,6-trichloroph... | 400 | C18H15Cl3O4 | 1000389-75-5 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

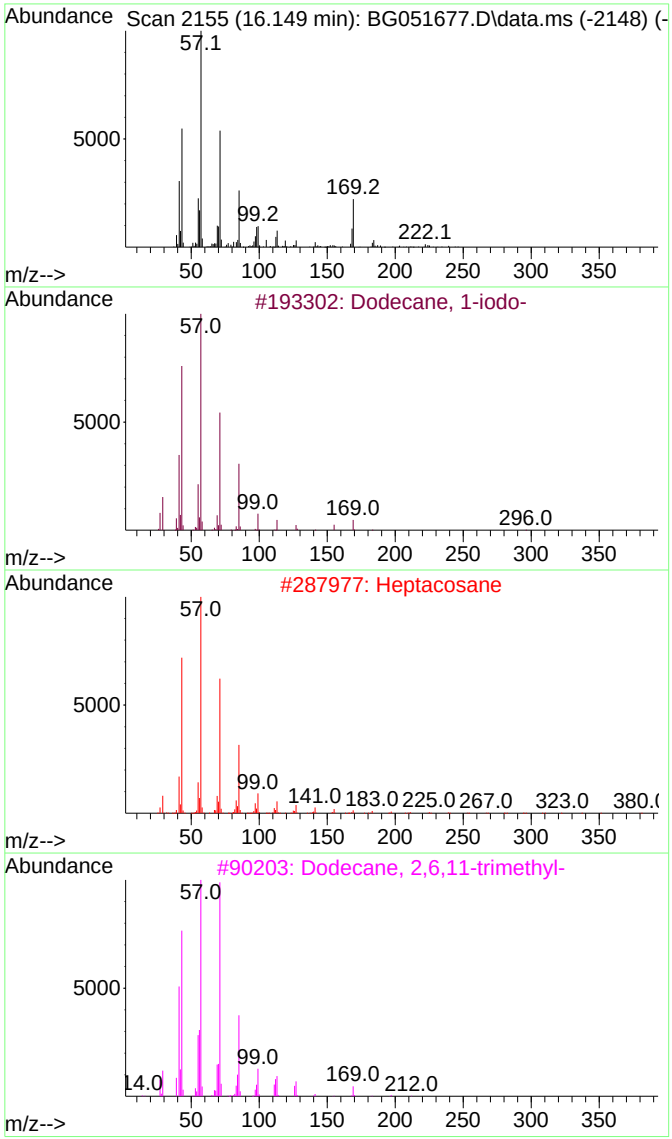
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

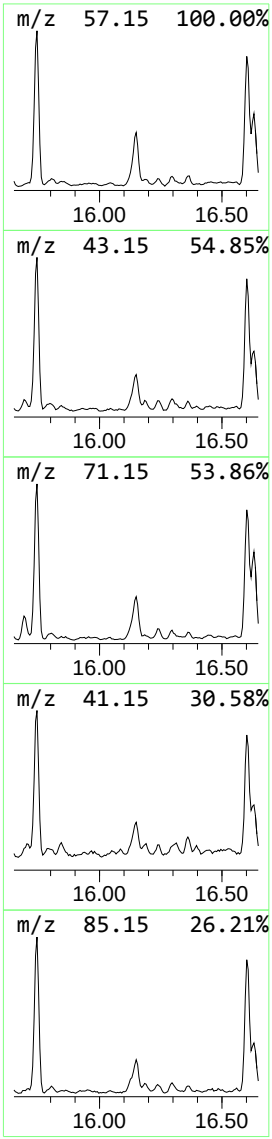
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 40 Dodecane, 1-iodo- Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.149 | 32.02 ng/ul | 843903 | Acenaphthene-d10 | 14.916 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dodecane, 1-iodo- | 296 | C12H25I | 004292-19-7 | 64 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 64 |
| 3 | Dodecane, 2,6,11-trimethyl- | 212 | C15H32 | 031295-56-4 | 58 |
| 4 | Decane, 2-methyl- | 156 | C11H24 | 006975-98-0 | 58 |
| 5 | Tridecane | 184 | C13H28 | 000629-50-5 | 55 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

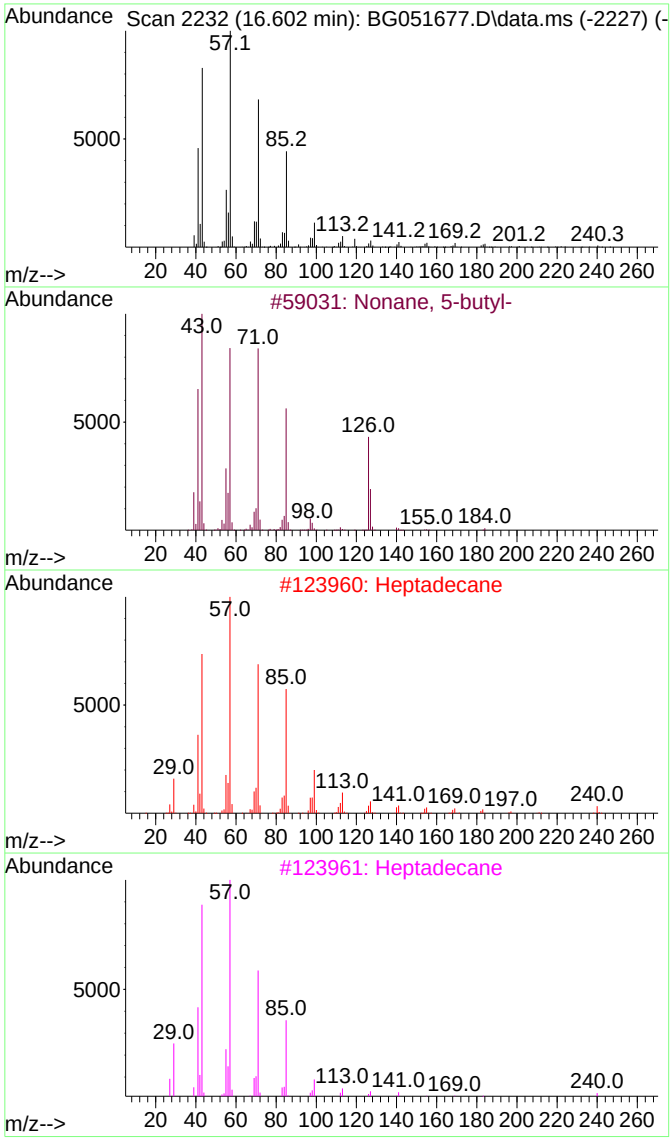
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

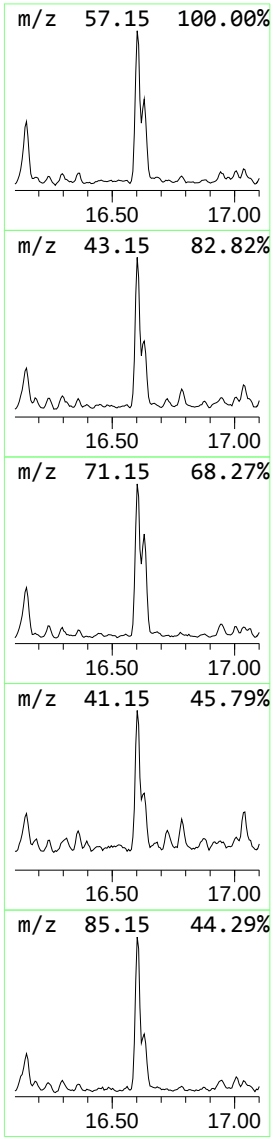
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.602 | 50.16 ng/ul | 1822220 | Phenanthrene-d10 | 17.659 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane, 5-butyl- | 184 | C13H28 | 017312-63-9 | 94 |
| 2 | Heptadecane | 240 | C17H36 | 000629-78-7 | 94 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 93 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 91 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

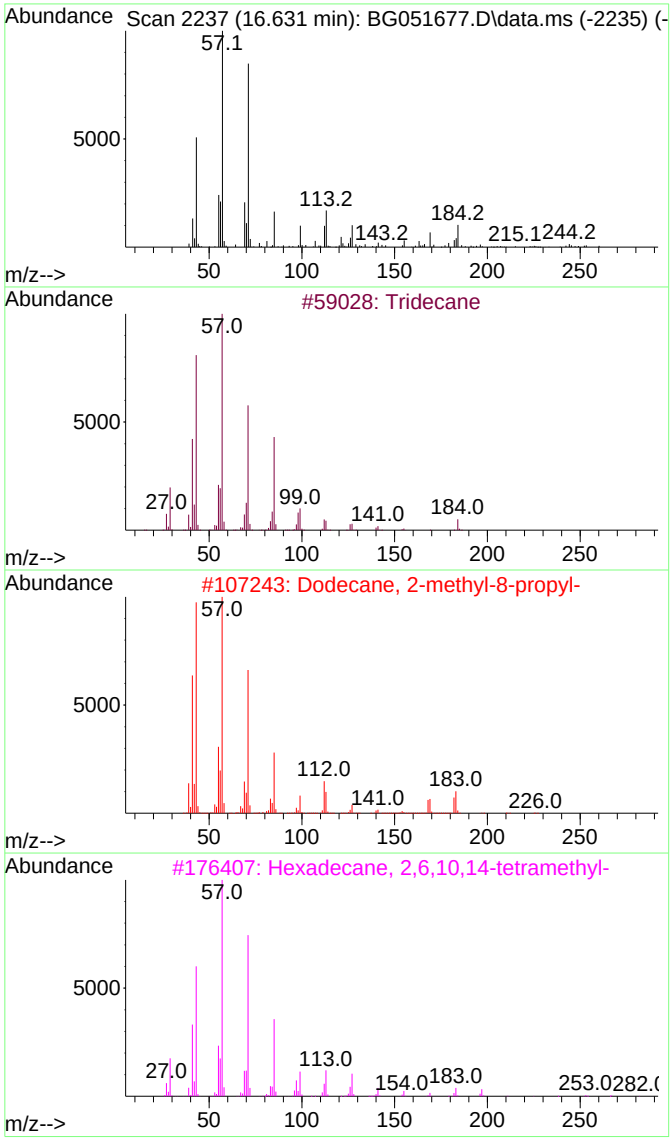
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

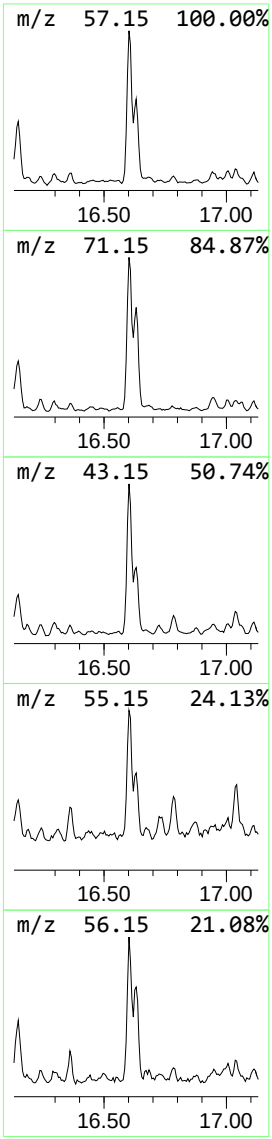
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.631 | 22.44 ng/ul | 815249 | Phenanthrene-d10 | 17.659 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane | 184 | C13H28 | 000629-50-5 | 80 |
| 2 | Dodecane, 2-methyl-8-propyl- | 226 | C16H34 | 055045-07-3 | 74 |
| 3 | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42 | 000638-36-8 | 72 |
| 4 | Tridecane | 184 | C13H28 | 000629-50-5 | 72 |
| 5 | Sulfurous acid, 2-ethylhexyl hep... | 432 | C25H52O3S | 1000309-20-0 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

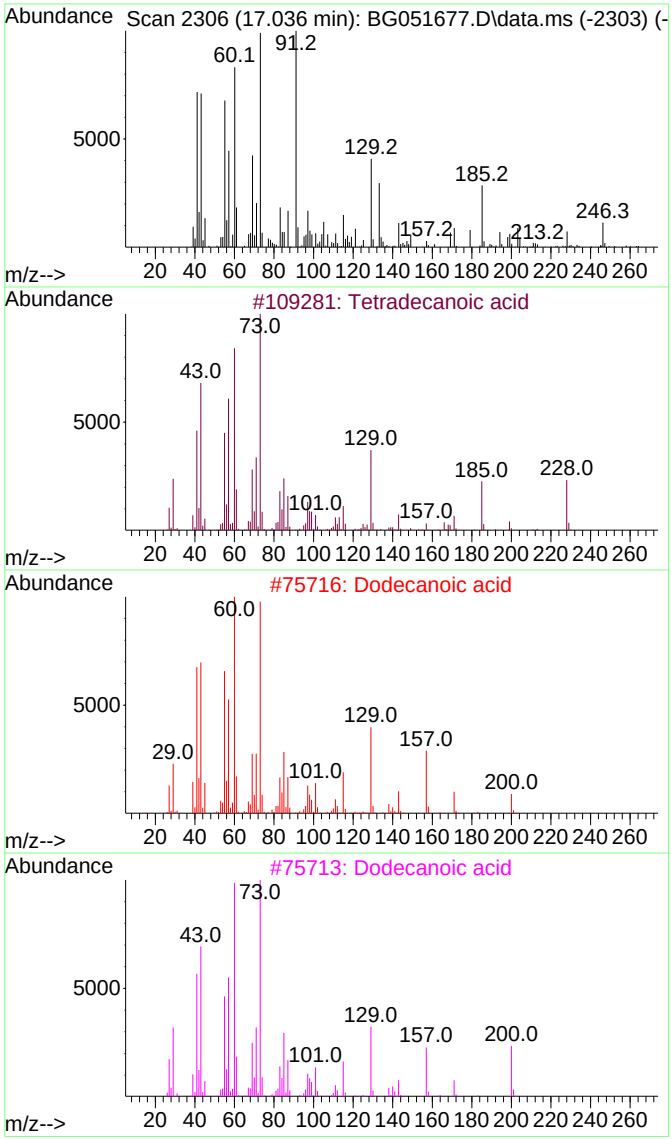
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

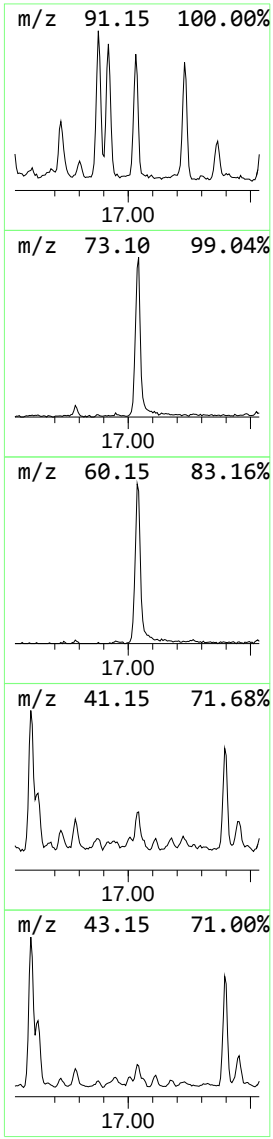
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 45 Tetradecanoic acid Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.036 | 22.09 ng/ul | 802661 | Phenanthrene-d10 | 17.659 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 72 |
| 2 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 58 |
| 3 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 58 |
| 4 | Dodecanoic acid | 200 | C12H24O2 | 000143-07-7 | 53 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

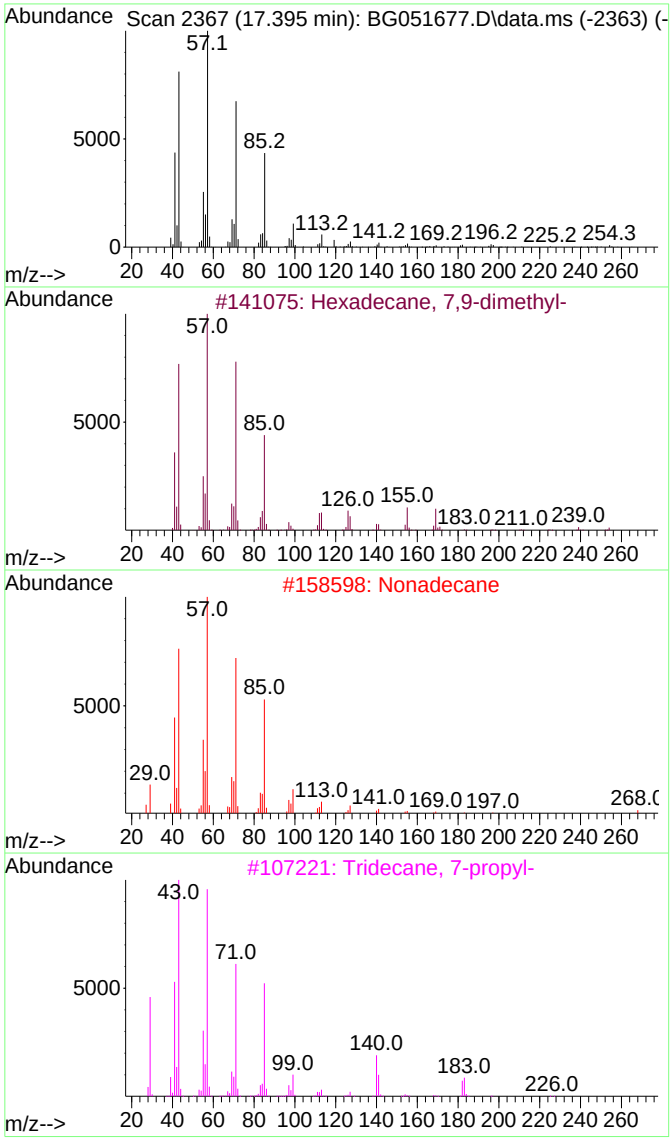
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

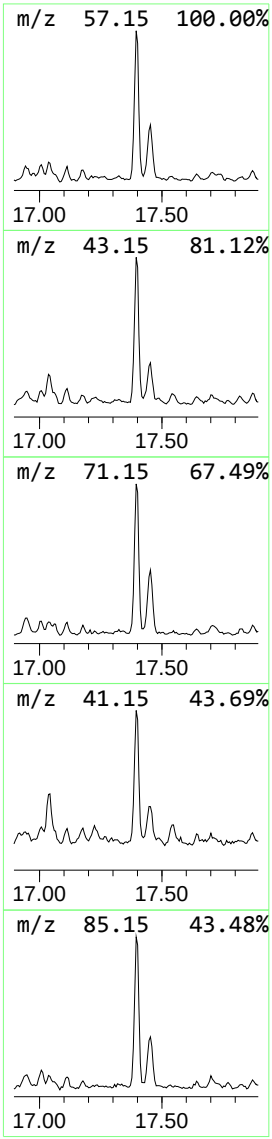
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.395 | 30.96 ng/ul | 1124570 | Phenanthrene-d10 | 17.659 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane, 7,9-dimethyl- | 254 | C18H38 | 021164-95-4 | 90 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |
| 3 | Tridecane, 7-propyl- | 226 | C16H34 | 055045-09-5 | 90 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 86 |
| 5 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 86 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

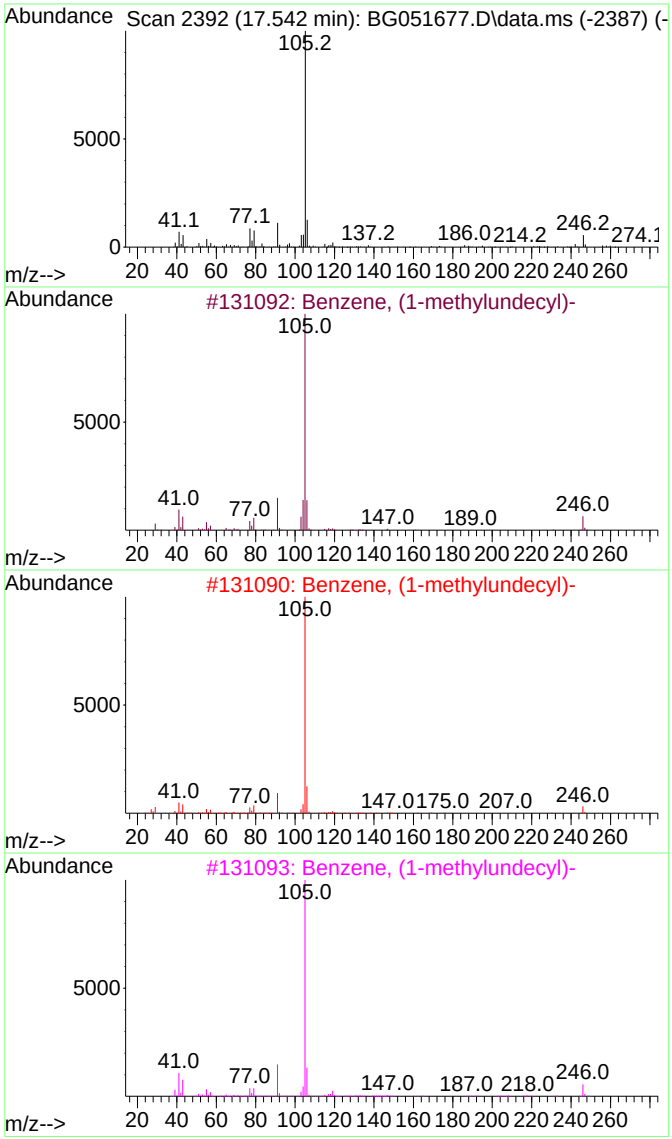
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

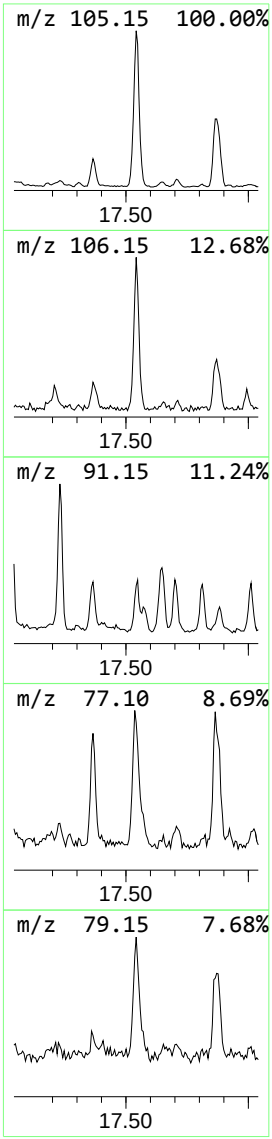
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 47 Benzene, (1-methylundecyl)- Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 17.542 | 24.41 ng/ul | 886949 | Phenanthrene-d10 | 17.659 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, (1-methylundecyl)- | 246 | C18H30 | 002719-61-1 | 90 |
| 2 | Benzene, (1-methylundecyl)- | 246 | C18H30 | 002719-61-1 | 87 |
| 3 | Benzene, (1-methylundecyl)- | 246 | C18H30 | 002719-61-1 | 87 |
| 4 | Benzene, (1-methylundecyl)- | 246 | C18H30 | 002719-61-1 | 83 |
| 5 | Benzene, (1-methyldodecyl)- | 260 | C19H32 | 004534-53-6 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

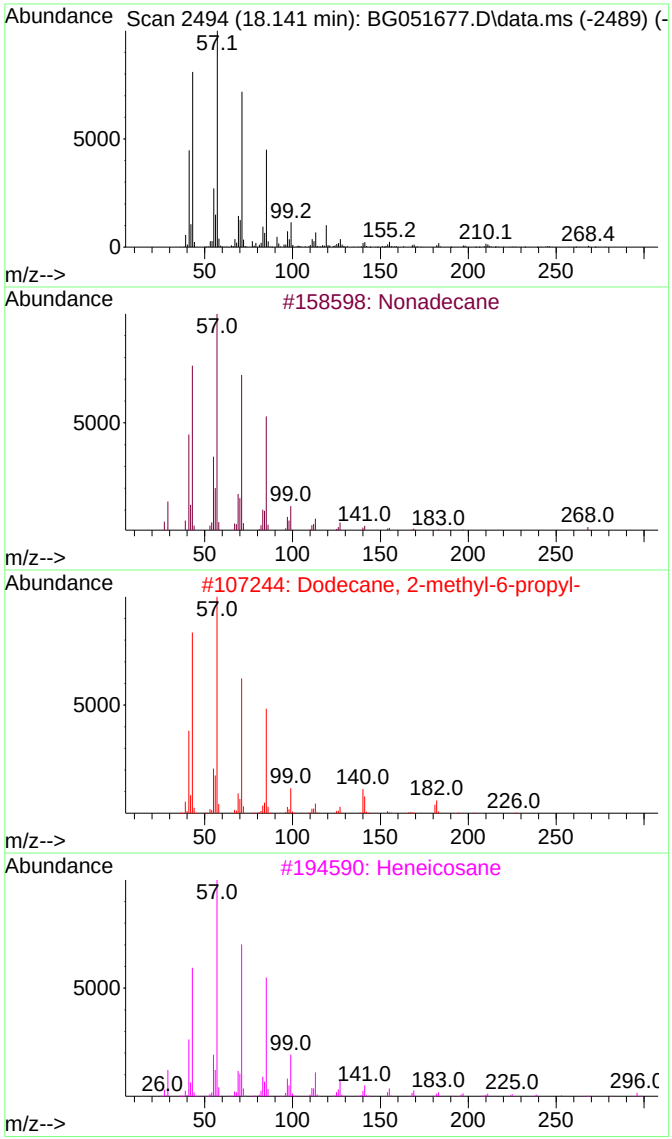
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

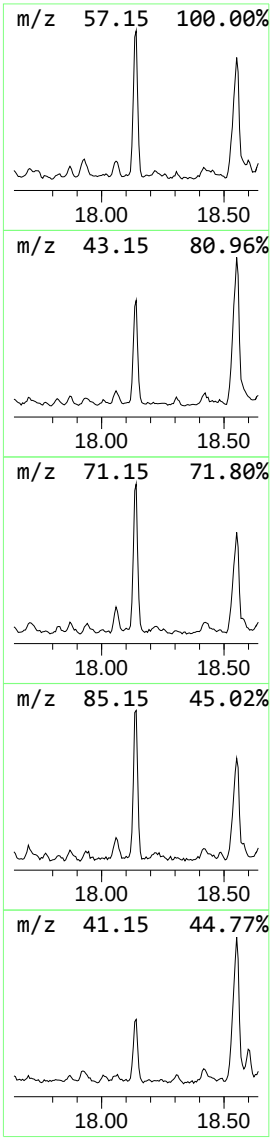
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.141 | 32.52 ng/ul | 1181320 | Phenanthrene-d10 | 17.659 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 98 |
| 2 | Dodecane, 2-methyl-6-propyl- | 226 | C16H34 | 055045-08-4 | 91 |
| 3 | Heneicosane | 296 | C21H44 | 000629-94-7 | 87 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 87 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

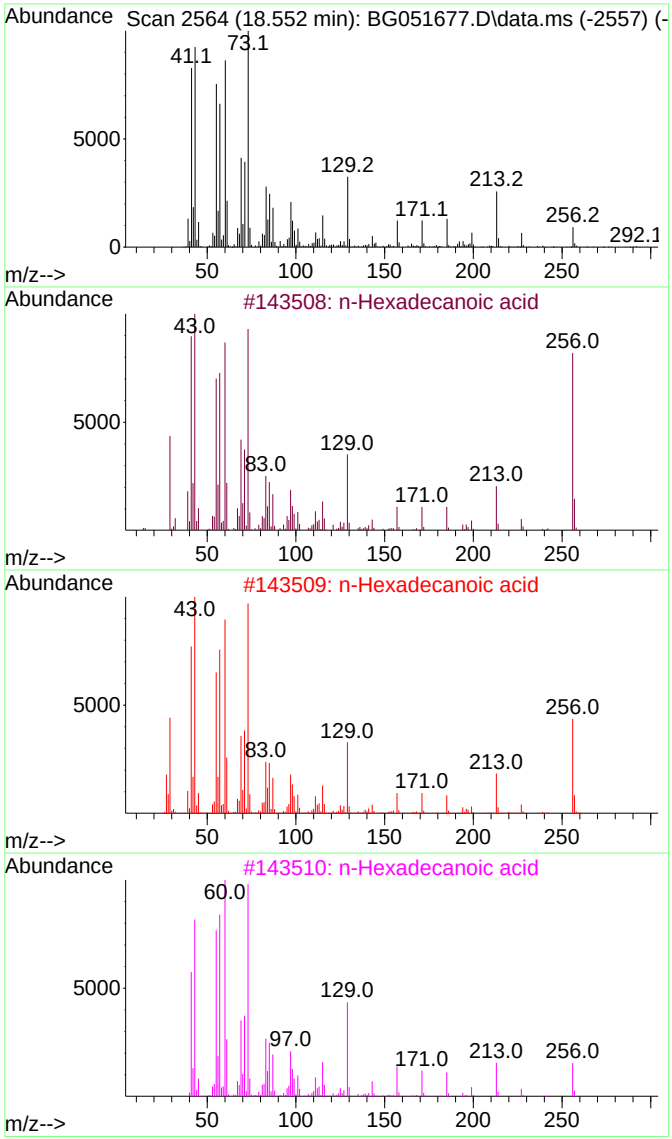
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

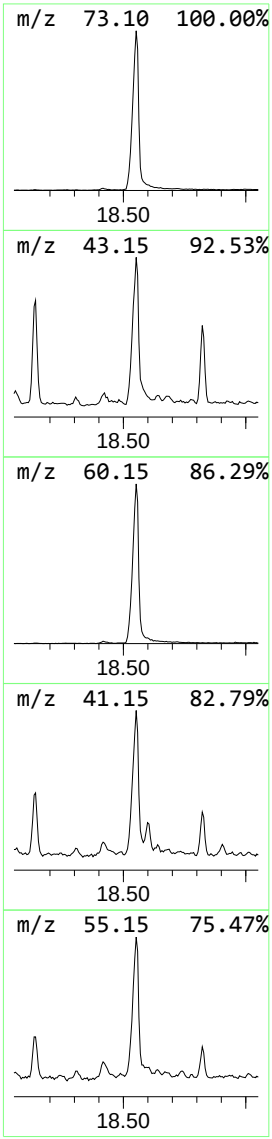
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 49 n-Hexadecanoic acid Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.552 | 111.79 ng/ul | 4061110 | Phenanthrene-d10 | 17.659 |

| 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 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 95 |
| 4 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 95 |
| 5 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

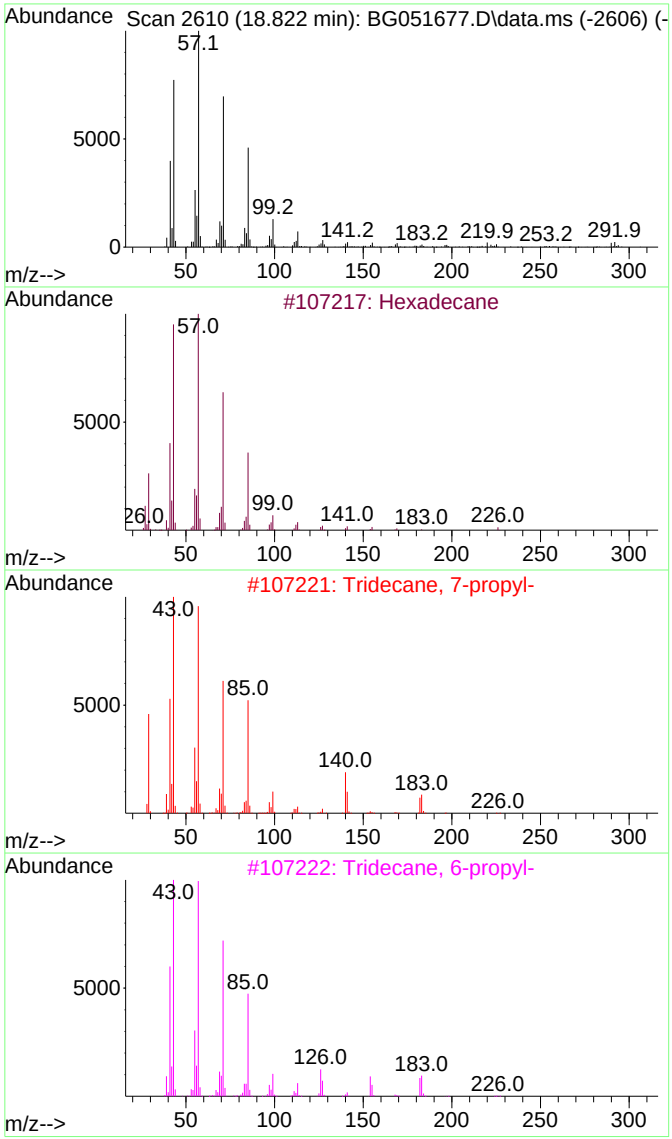
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

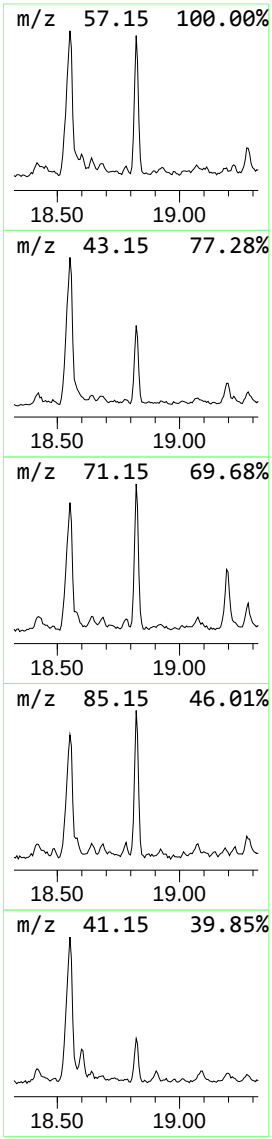
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 45

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.822 | 19.45 ng/ul | 706735 | Phenanthrene-d10 | 17.659 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 95 |
| 2 | Tridecane, 7-propyl- | 226 | C16H34 | 055045-09-5 | 91 |
| 3 | Tridecane, 6-propyl- | 226 | C16H34 | 055045-10-8 | 91 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |
| 5 | Tridecane, 2-methyl- | 198 | C14H30 | 001560-96-9 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

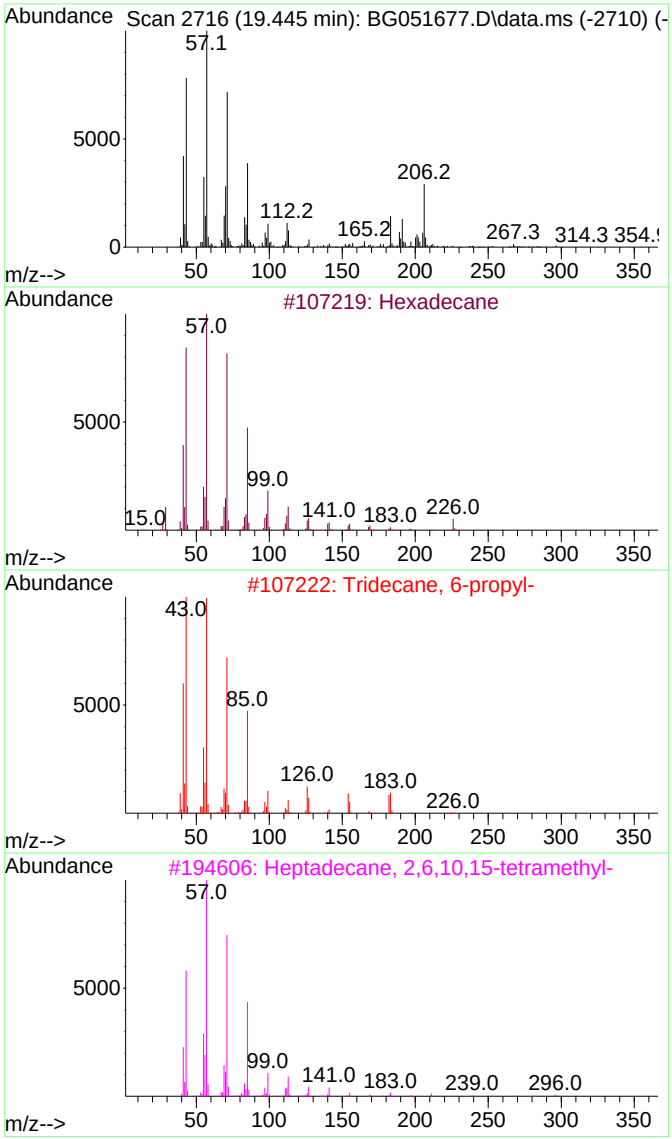
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

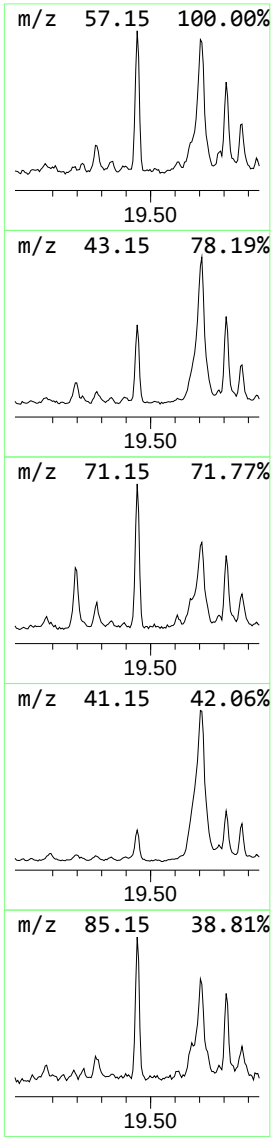
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.445 | 37.23 ng/ul | 1352520 | Phenanthrene-d10 | 17.659 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 93 |
| 2 | Tridecane, 6-propyl- | 226 | C16H34 | 055045-10-8 | 83 |
| 3 | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44 | 054833-48-6 | 83 |
| 4 | Dodecane, 2-methyl-8-propyl- | 226 | C16H34 | 055045-07-3 | 78 |
| 5 | Heptadecane, 2,6,10,14-tetramethyl- | 296 | C21H44 | 018344-37-1 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

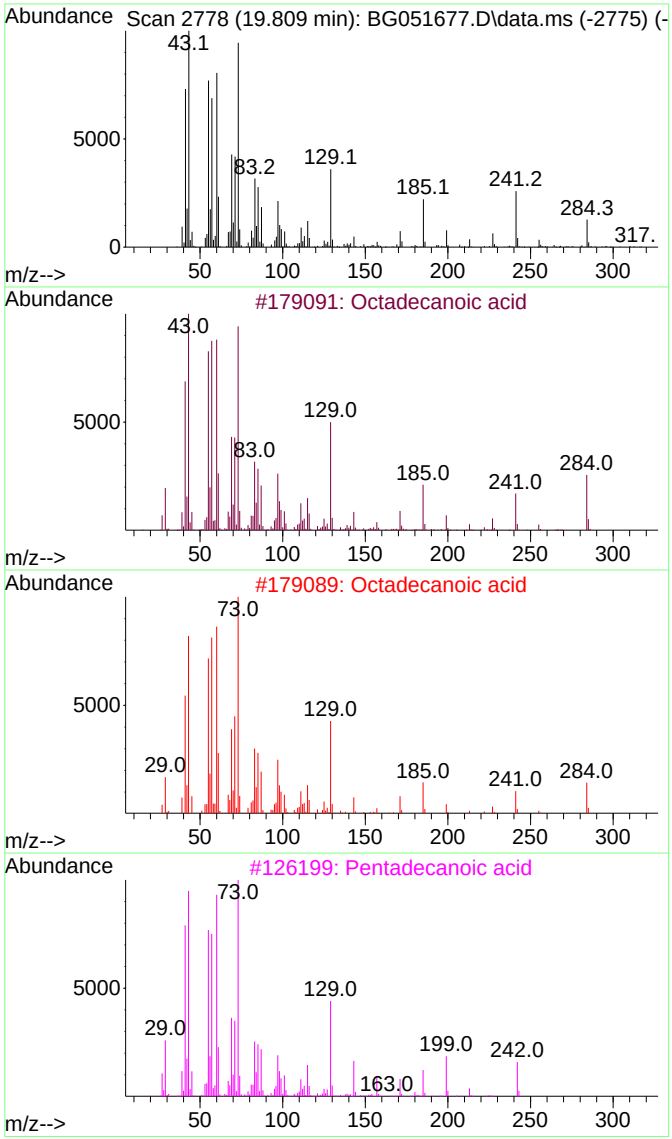
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

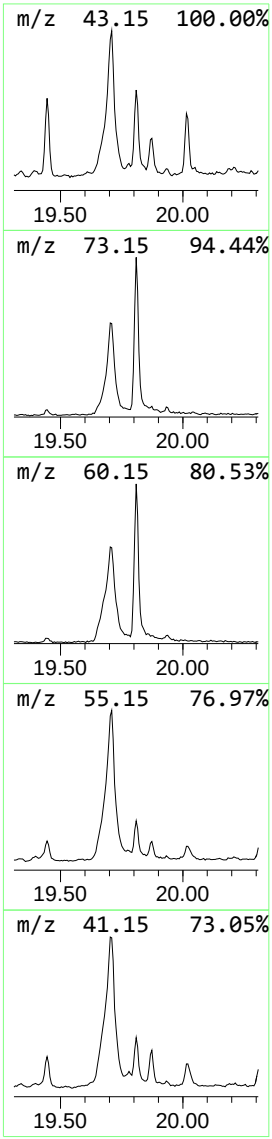
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 53 Octadecanoic acid Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.809 | 38.51 ng/ul | 1399100 | Phenanthrene-d10 | 17.659 |

| 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 | 95 |
| 3 | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 93 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |
| 5 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

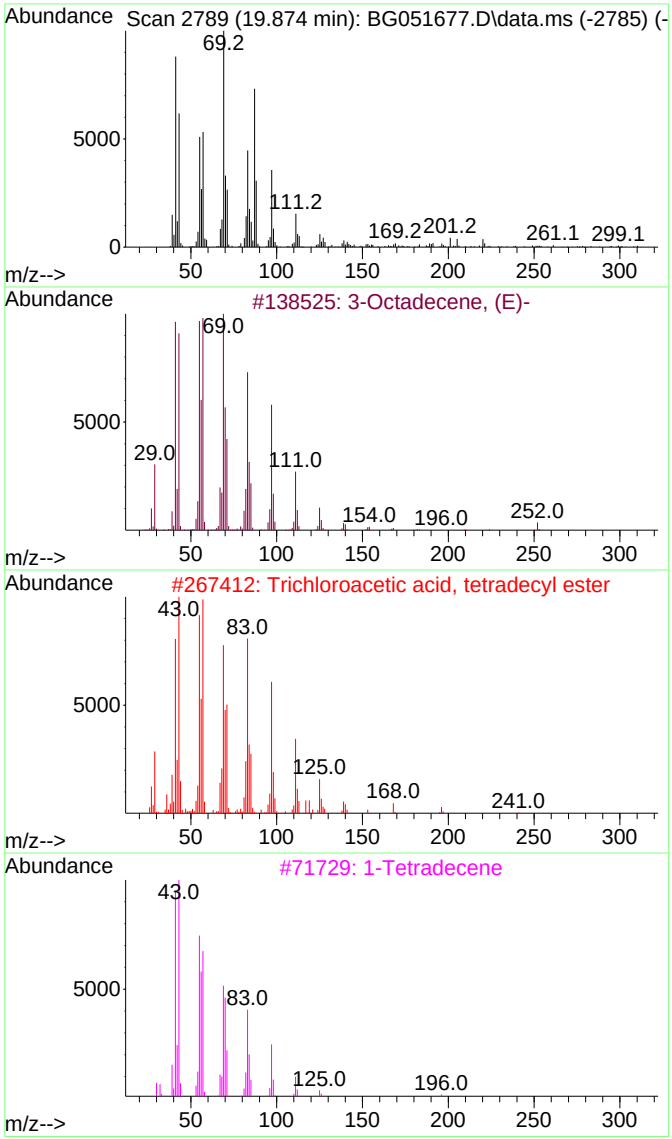
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

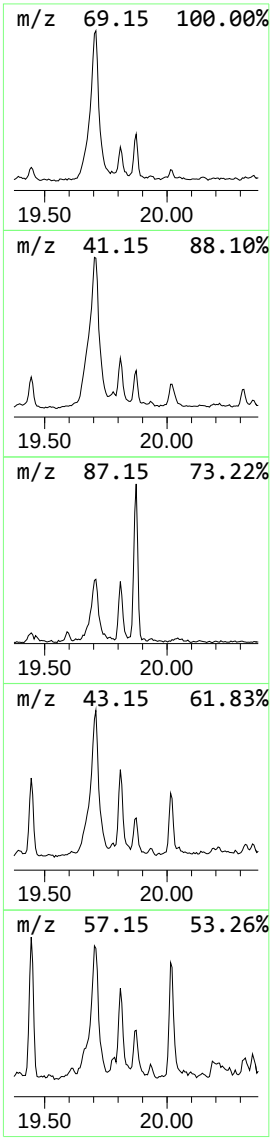
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 47

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.874 | 19.14 ng/ul | 592940 | Chrysene-d12 | 21.988 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3-Octadecene, (E)- | 252 | C18H36 | 007206-19-1 | 42 |
| 2 | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2 | 074339-52-9 | 38 |
| 3 | 1-Tetradecene | 196 | C14H28 | 001120-36-1 | 38 |
| 4 | Dichloroacetic acid, tridecyl ester | 310 | C15H28Cl2O2 | 1000280-48-3 | 38 |
| 5 | Dichloroacetic acid, tetradecyl ... | 324 | C16H30Cl2O2 | 083005-02-1 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

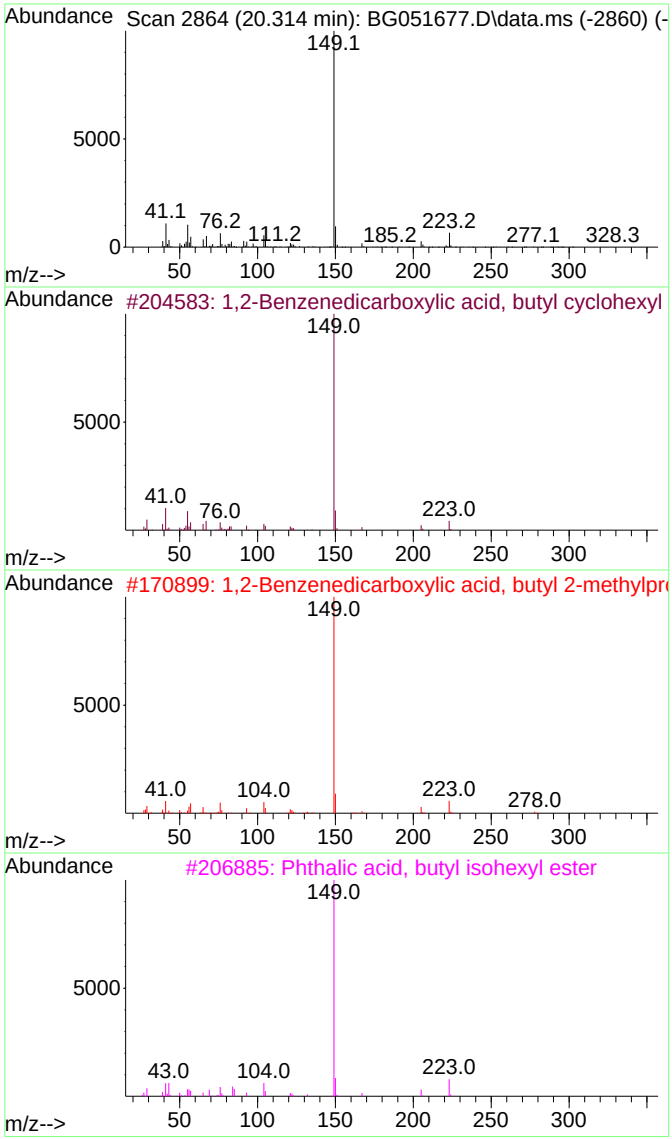
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

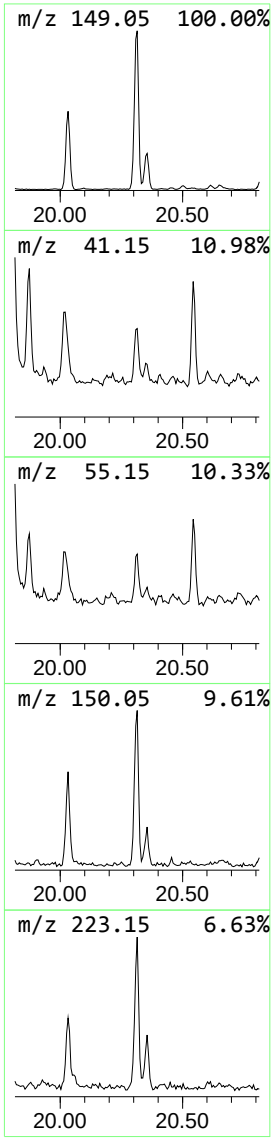
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 55 1,2-Benzenedicarboxylic aci... Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.314 | 22.04 ng/ul | 682953 | Chrysene-d12 | 21.988 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2-Benzenedicarboxylic acid, bu... | 304 | C18H24O4 | 000084-64-0 | 91 |
| 2 | 1,2-Benzenedicarboxylic acid, bu... | 278 | C16H22O4 | 017851-53-5 | 86 |
| 3 | Phthalic acid, butyl isohexyl ester | 306 | C18H26O4 | 1000309-03-6 | 86 |
| 4 | Dibutyl phthalate | 278 | C16H22O4 | 000084-74-2 | 86 |
| 5 | 1,2-Benzenedicarboxylic acid, bu... | 304 | C18H24O4 | 000084-64-0 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

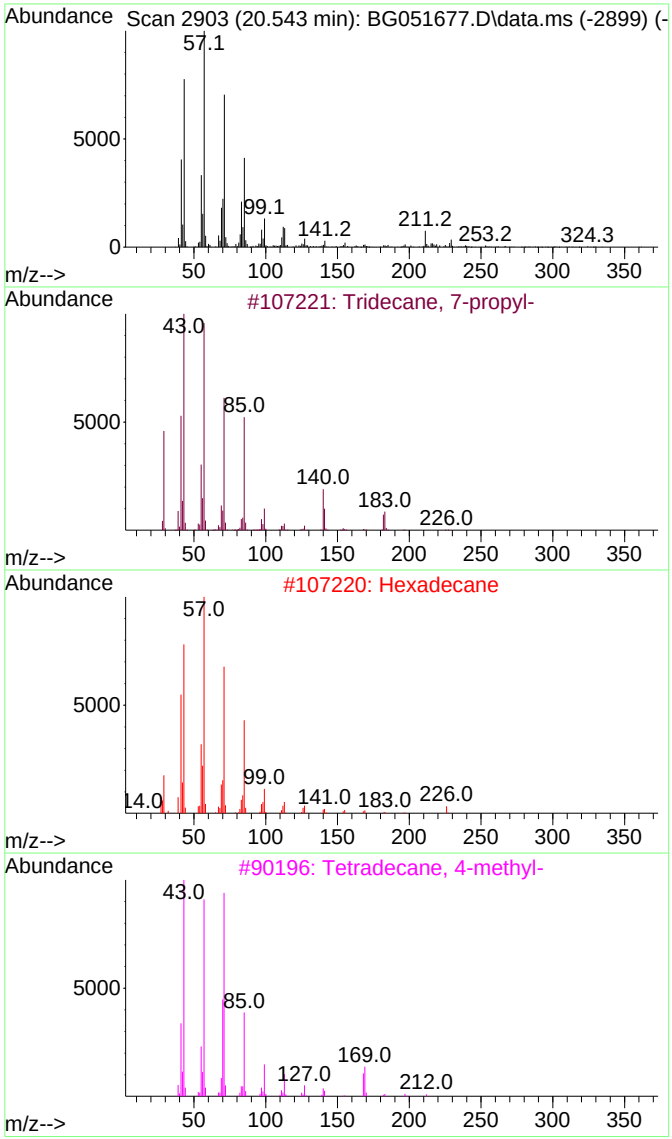
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

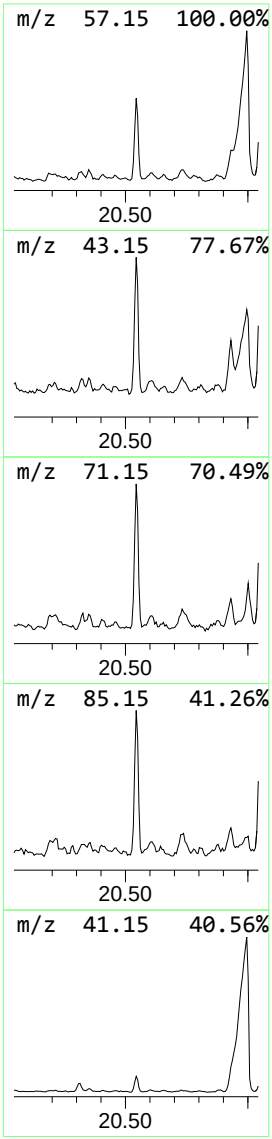
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 20.543 | 30.23 ng/ul | 936572 | Chrysene-d12 | 21.988 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecane, 7-propyl- | 226 | C16H34 | 055045-09-5 | 70 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 64 |
| 3 | Tetradecane, 4-methyl- | 212 | C15H32 | 025117-24-2 | 64 |
| 4 | 10-Methylnonadecane | 282 | C20H42 | 056862-62-5 | 64 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

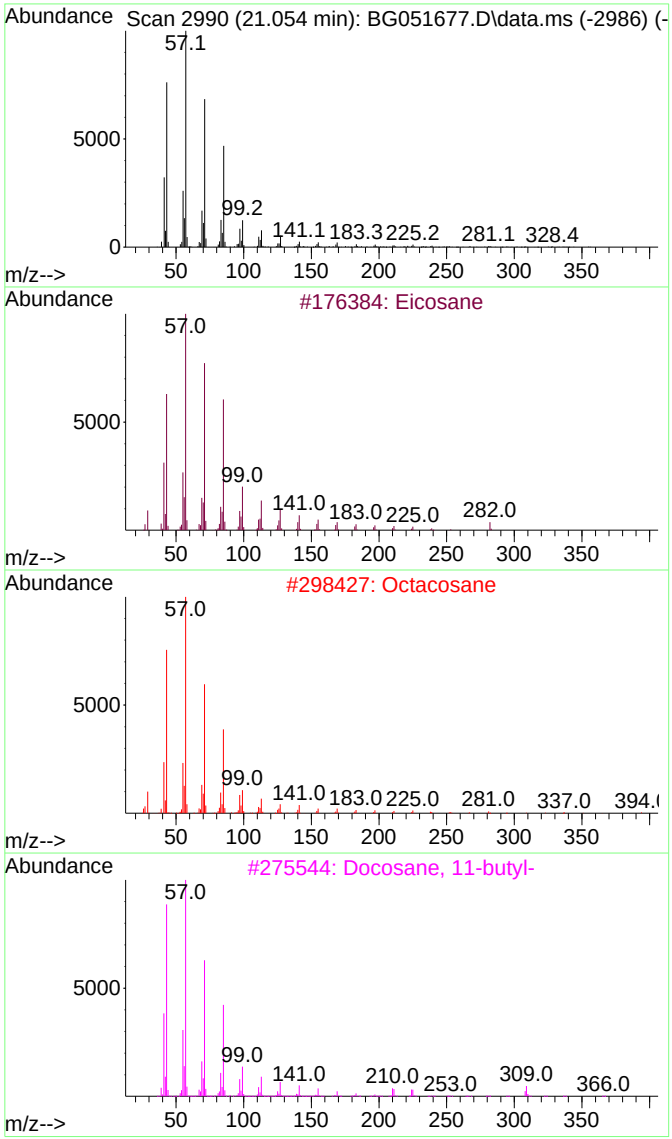
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

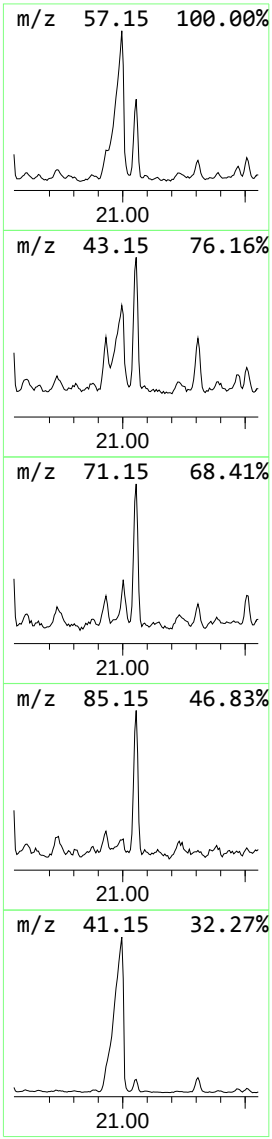
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.054 | 25.63 ng/ul | 794010 | Chrysene-d12 | 21.988 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 94 |
| 2 | Octacosane | 394 | C28H58 | 000630-02-4 | 91 |
| 3 | Docosane, 11-butyl- | 366 | C26H54 | 013475-76-8 | 91 |
| 4 | Hexacosane | 366 | C26H54 | 000630-01-3 | 91 |
| 5 | Heneicosane | 296 | C21H44 | 000629-94-7 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

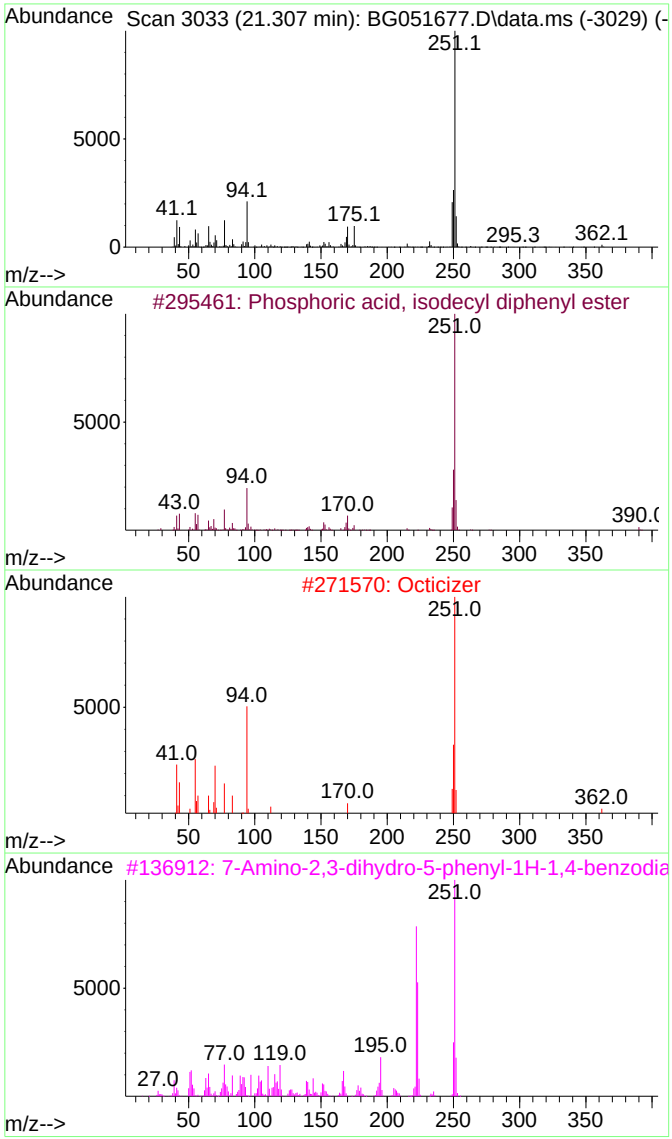
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

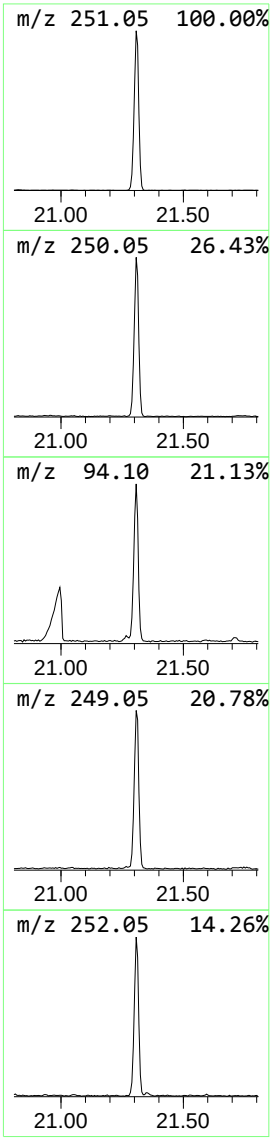
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 58 Phosphoric acid, isodecyl d... Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.307 | 60.56 ng/ul | 1876420 | Chrysene-d12 | 21.988 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phosphoric acid, isodecyl diphen... | 390 | C22H31O4P | 1346599-15-2 | 72 |
| 2 | Octicizer | 362 | C20H27O4P | 001241-94-7 | 50 |
| 3 | 7-Amino-2,3-dihydro-5-phenyl-1H-... | 251 | C15H13N3O | 004928-02-3 | 47 |
| 4 | 2-Benzo[1,3]dioxol-5-yl-7-methyl... | 251 | C16H13NO2 | 1000274-75-9 | 47 |
| 5 | N,N-Dimethyl-4-(6-methyl-1H-benz... | 251 | C16H17N3 | 069570-95-2 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

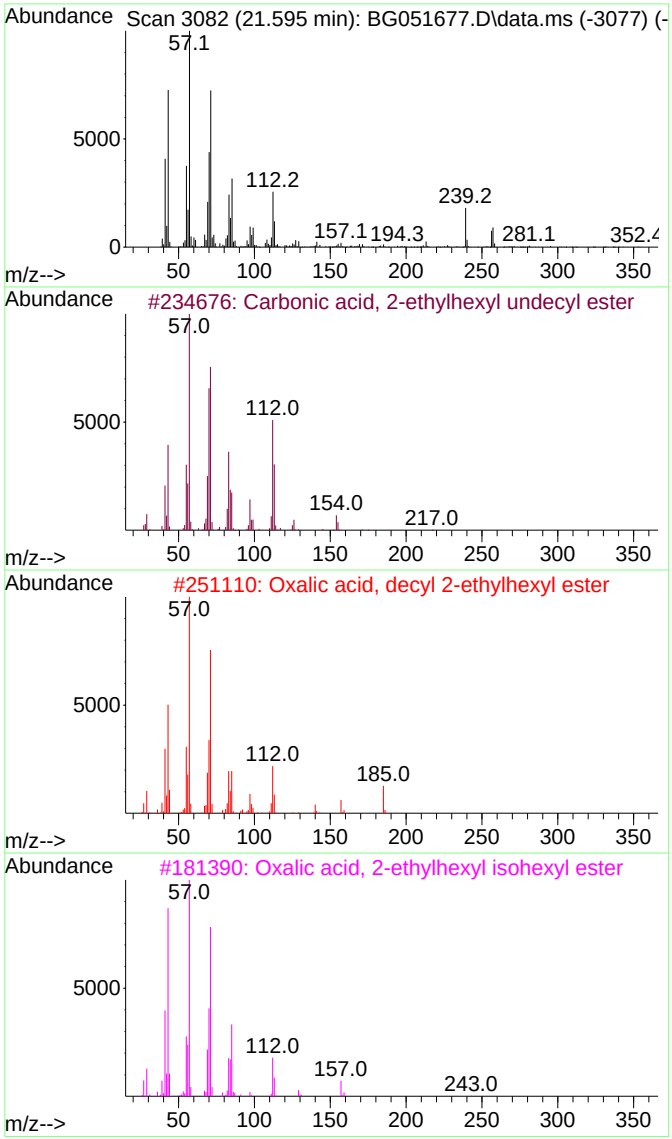
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

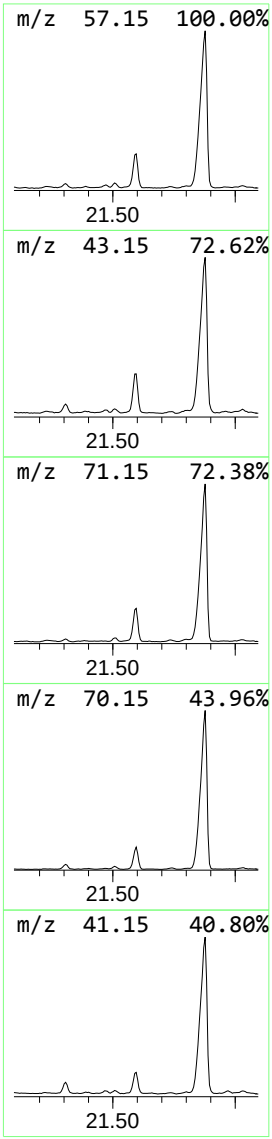
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 59 Carbonic acid, 2-ethylhexyl... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.595 | 77.91 ng/ul | 2413870 | Chrysene-d12 | 21.988 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Carbonic acid, 2-ethylhexyl unde... | 328 | C20H40O3 | 1000383-13-8 | 64 |
| 2 | Oxalic acid, decyl 2-ethylhexyl ... | 342 | C20H38O4 | 1000309-39-3 | 64 |
| 3 | Oxalic acid, 2-ethylhexyl isohex... | 286 | C16H30O4 | 1000309-38-8 | 58 |
| 4 | Heptadecane, 4-methyl- | 254 | C18H38 | 026429-11-8 | 52 |
| 5 | Heptadecane, 7-methyl- | 254 | C18H38 | 020959-33-5 | 52 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

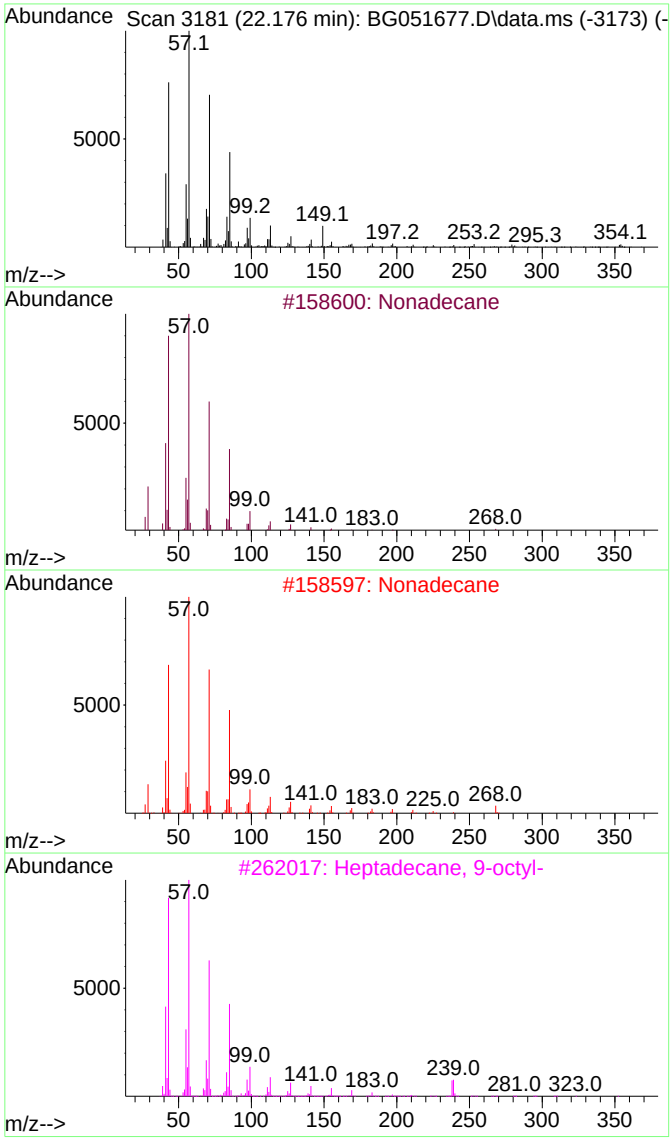
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

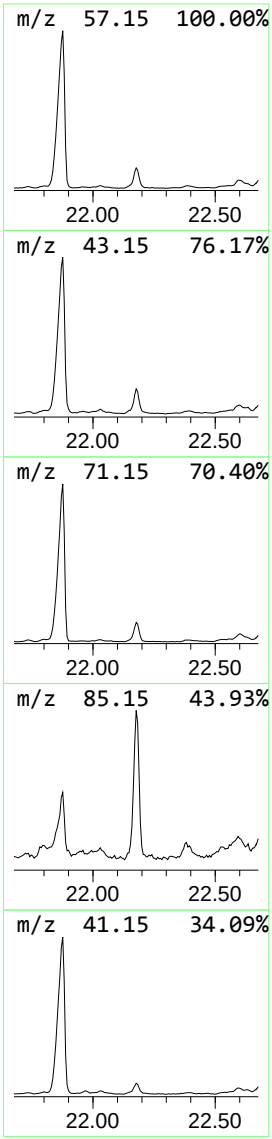
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.177 | 58.29 ng/ul | 1806020 | Chrysene-d12 | 21.988 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 97 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 95 |
| 3 | Heptadecane, 9-octyl- | 352 | C25H52 | 007225-64-1 | 91 |
| 4 | Octacosane | 394 | C28H58 | 000630-02-4 | 87 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

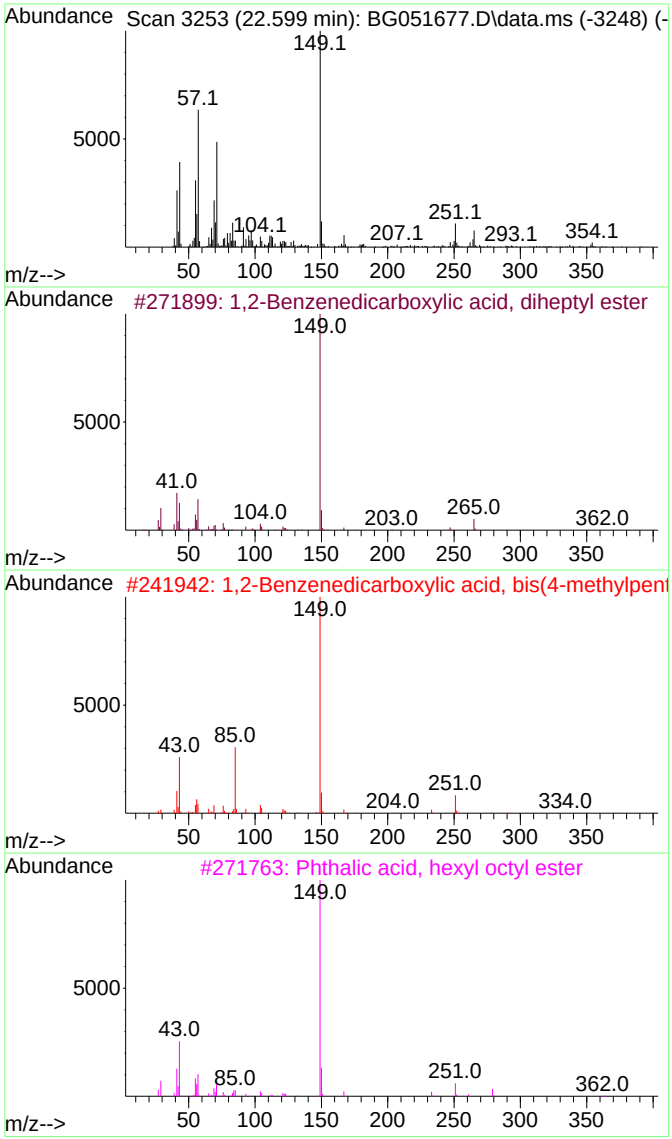
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

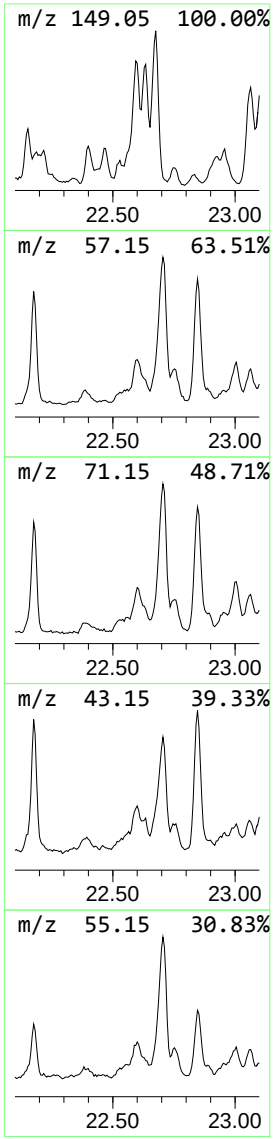
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 62 1,2-Benzenedicarboxylic aci... Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.599 | 22.58 ng/ul | 699475 | Chrysene-d12 | 21.988 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2-Benzenedicarboxylic acid, di... | 362 | C22H34O4 | 003648-21-3 | 60 |
| 2 | 1,2-Benzenedicarboxylic acid, bi... | 334 | C20H30O4 | 000146-50-9 | 60 |
| 3 | Phthalic acid, hexyl octyl ester | 362 | C22H34O4 | 1000424-04-5 | 58 |
| 4 | 1,2-Benzenedicarboxylic acid, mo... | 292 | C17H24O4 | 024539-59-1 | 55 |
| 5 | 1,2-Benzenedicarboxylic acid, di... | 334 | C20H30O4 | 000084-75-3 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

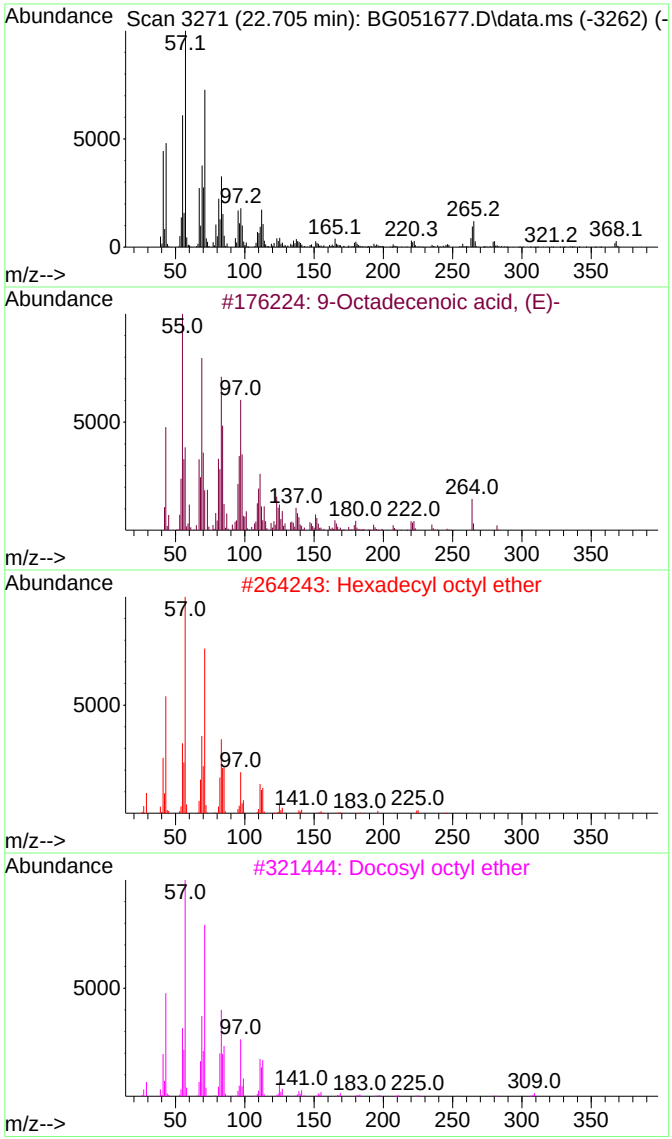
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

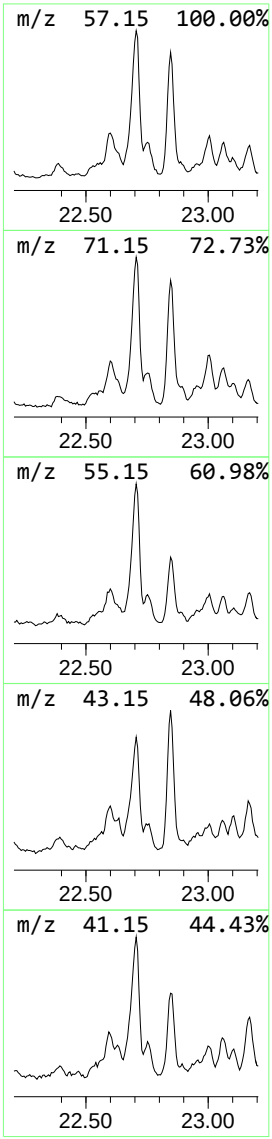
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 63 9-Octadecenoic acid, (E)- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.705 | 100.16 ng/ul | 3103340 | Chrysene-d12 | 21.988 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 9-Octadecenoic acid, (E)- | 282 | C18H34O2 | 000112-79-8 | 74 |
| 2 | Hexadecyl octyl ether | 354 | C24H50O | 1000406-38-6 | 49 |
| 3 | Docosyl octyl ether | 438 | C30H62O | 1000406-38-9 | 46 |
| 4 | i-Propyl 9-octadecenoate (Z) | 324 | C21H40O2 | 000112-11-8 | 43 |
| 5 | Oxalic acid, 2-ethylhexyl octyl ... | 314 | C18H34O4 | 1000309-39-1 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

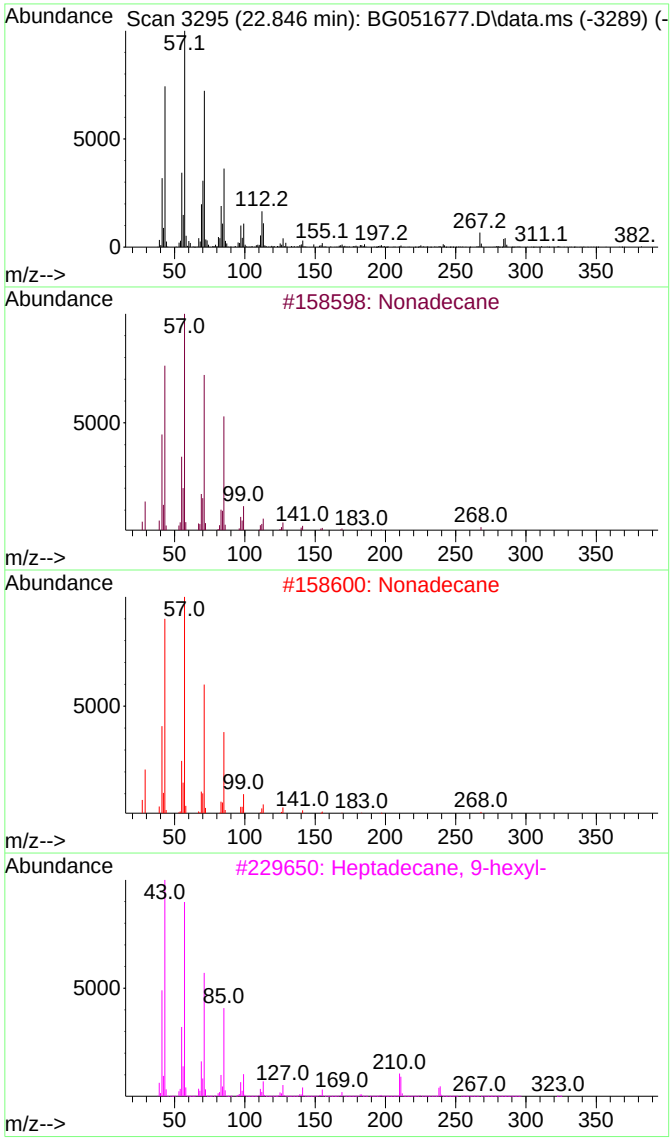
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

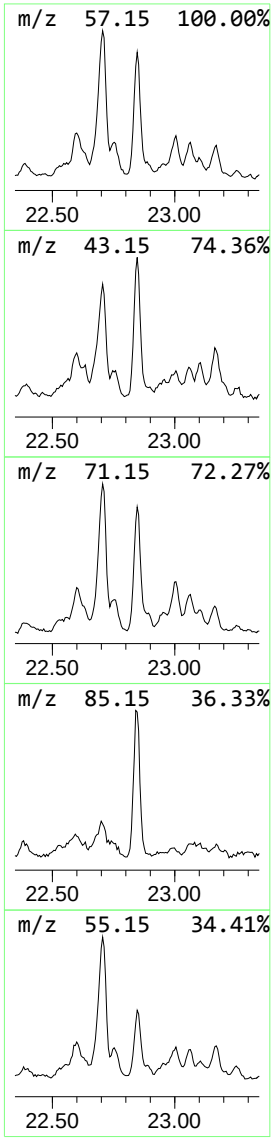
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.846 | 60.06 ng/ul | 1860820 | Chrysene-d12 | 21.988 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 96 |
| 2 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |
| 3 | Heptadecane, 9-hexyl- | 324 | C23H48 | 055124-79-3 | 89 |
| 4 | Octadecane, 5,14-dibutyl- | 366 | C26H54 | 055282-13-8 | 83 |
| 5 | Oxalic acid, 2-ethylhexyl tetrad... | 398 | C24H46O4 | 1000309-39-7 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

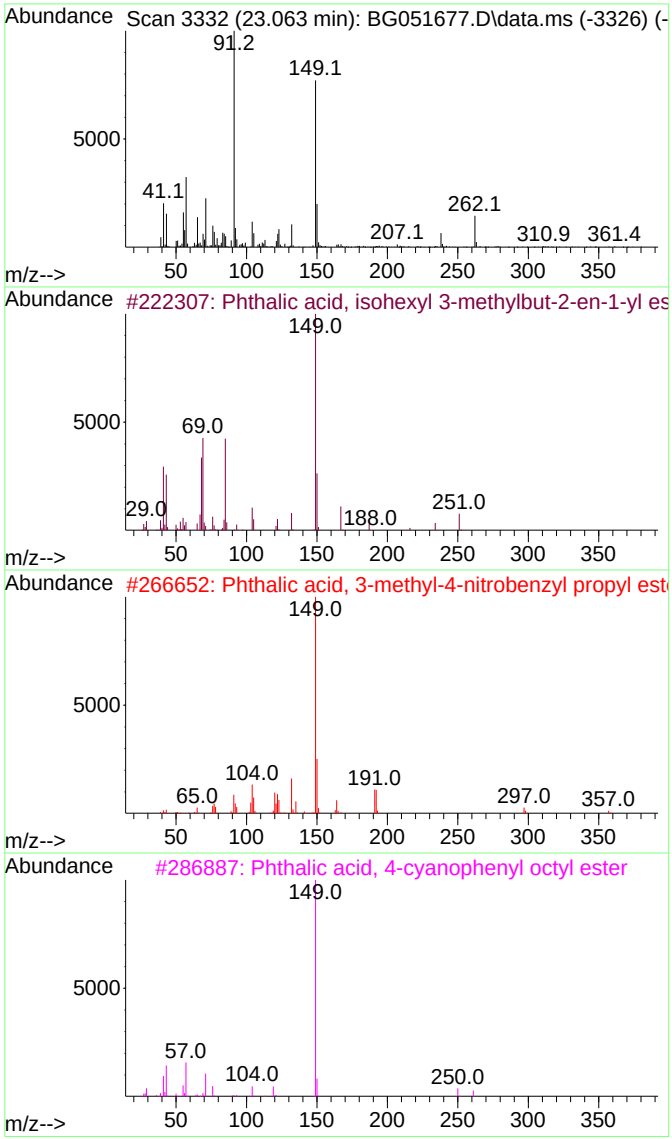
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

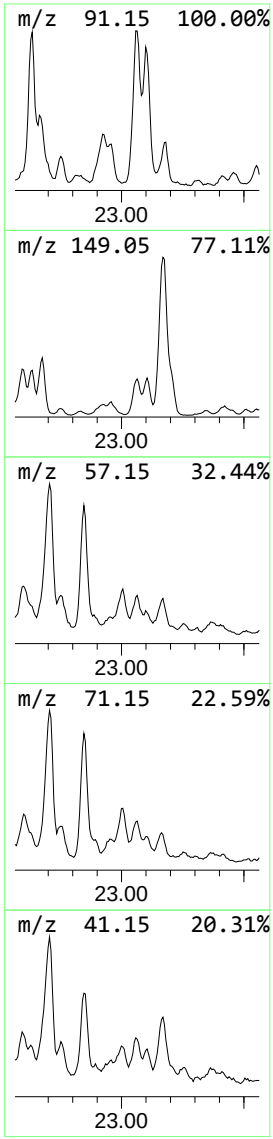
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 65 Phthalic acid, isohexyl 3-m... Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.064 | 29.87 ng/ul | 925541 | Chrysene-d12 | 21.988 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phthalic acid, isohexyl 3-methyl... | 318 | C19H26O4 | 1000315-45-1 | 53 |
| 2 | Phthalic acid, 3-methyl-4-nitrob... | 357 | C19H19NO6 | 1000382-59-8 | 50 |
| 3 | Phthalic acid, 4-cyanophenyl oct... | 379 | C23H25NO4 | 1000309-79-6 | 50 |
| 4 | Phthalic acid, 2-(2-nitrophenyl)... | 357 | C19H19NO6 | 1000377-99-2 | 47 |
| 5 | 1,2-Benzenedicarboxylic acid, bi... | 278 | C16H22O4 | 000084-69-5 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

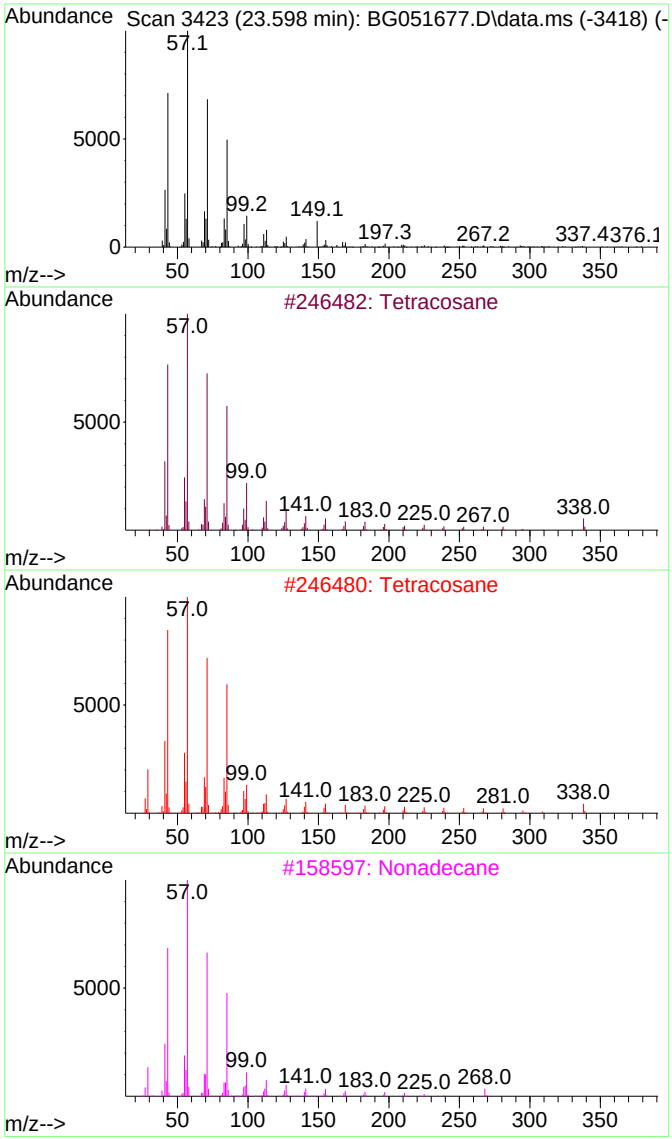
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

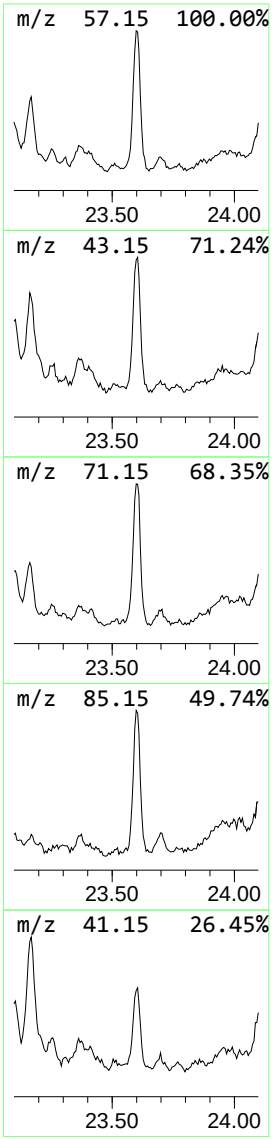
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.598 | 31.53 ng/ul | 976900 | Chrysene-d12 | 21.988 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 95 |
| 2 | Tetracosane | 338 | C24H50 | 000646-31-1 | 94 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 87 |
| 4 | Pentacosane | 352 | C25H52 | 000629-99-2 | 87 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

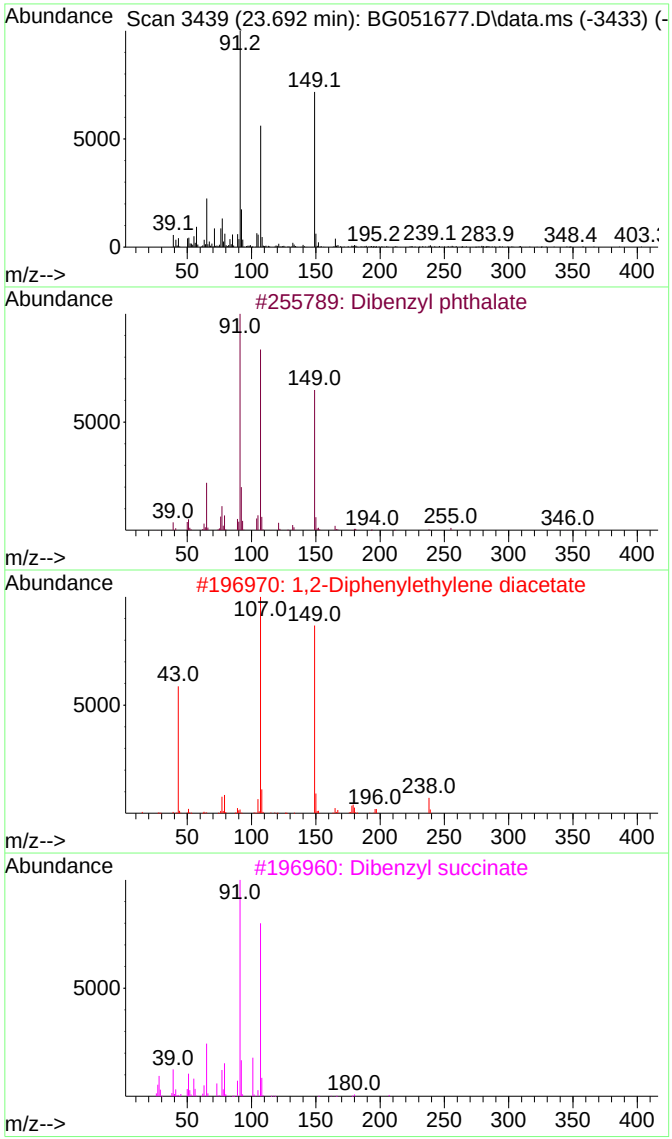
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

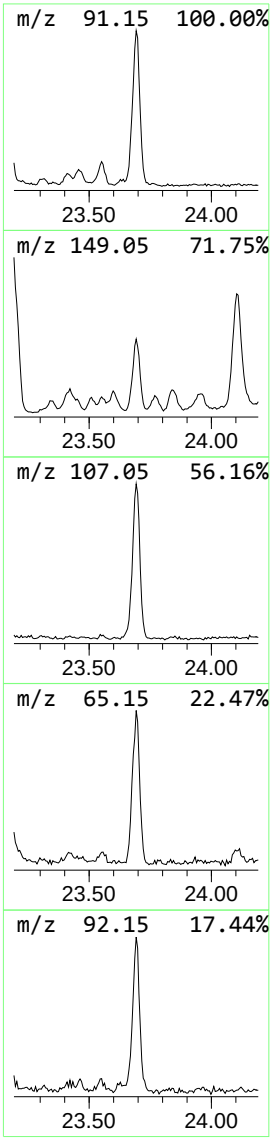
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 68 Dibenzyl phthalate Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 23.692 | 23.16 ng/ul | 717524 | Chrysene-d12 | 21.988 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Dibenzyl phthalate | 346 | C22H18O4 | 000523-31-9 | 86 |
| 2 | 1,2-Diphenylethylene diacetate | 298 | C18H18O4 | 003682-07-3 | 47 |
| 3 | Dibenzyl succinate | 298 | C18H18O4 | 000103-43-5 | 47 |
| 4 | Benzyloxyacetaldehyde | 150 | C9H10O2 | 1000424-70-5 | 27 |
| 5 | Phthalic acid, butyl 4-chloro-3-... | 346 | C19H19ClO4 | 1000309-84-4 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

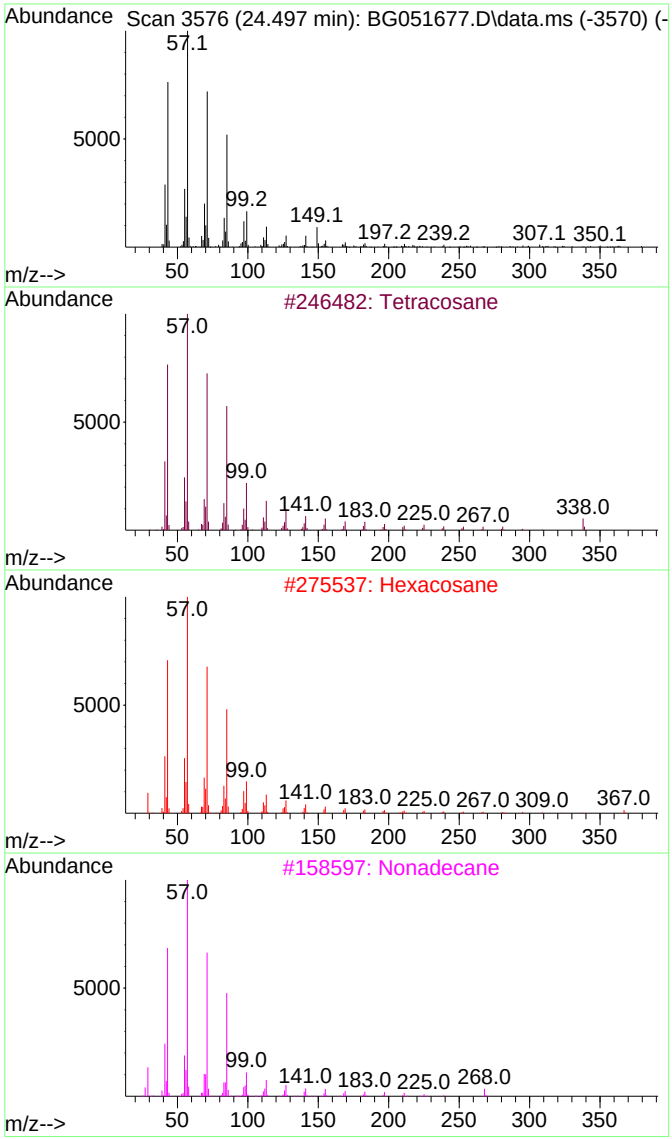
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

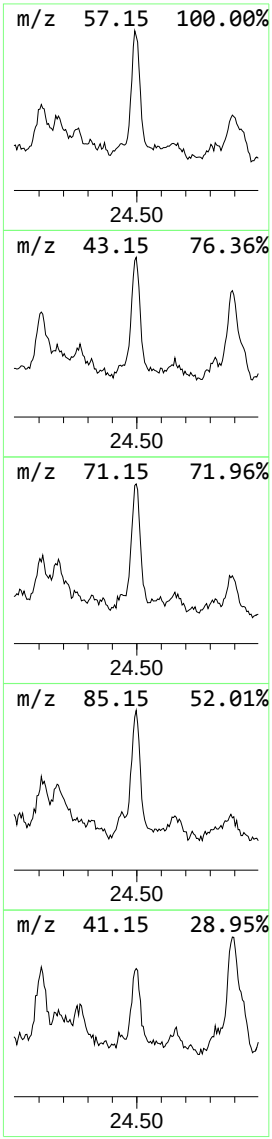
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 62

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.497 | 7.92 ng/ul | 783469 | Perylene-d12 | 25.490 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tetracosane | 338 | C24H50 | 000646-31-1 | 96 |
| 2 | Hexacosane | 366 | C26H54 | 000630-01-3 | 87 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 87 |
| 4 | Eicosane | 282 | C20H42 | 000112-95-8 | 87 |
| 5 | Tetracosane | 338 | C24H50 | 000646-31-1 | 83 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

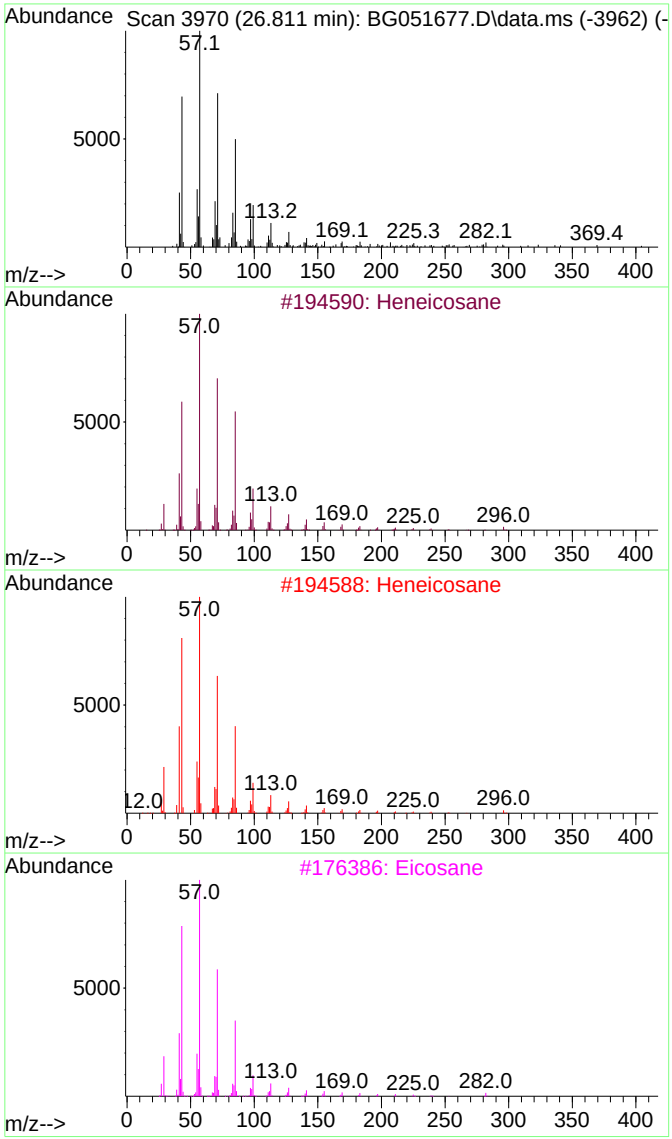
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

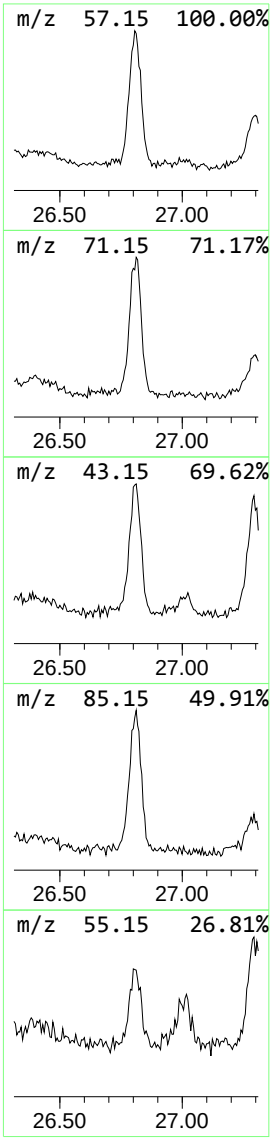
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 69

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 26.811 | 5.56 ng/ul | 550027 | Perylene-d12 | 25.490 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 95 |
| 2 | Heneicosane | 296 | C21H44 | 000629-94-7 | 95 |
| 3 | Eicosane | 282 | C20H42 | 000112-95-8 | 92 |
| 4 | Eicosane | 282 | C20H42 | 000112-95-8 | 91 |
| 5 | Hexacosane | 366 | C26H54 | 000630-01-3 | 90 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

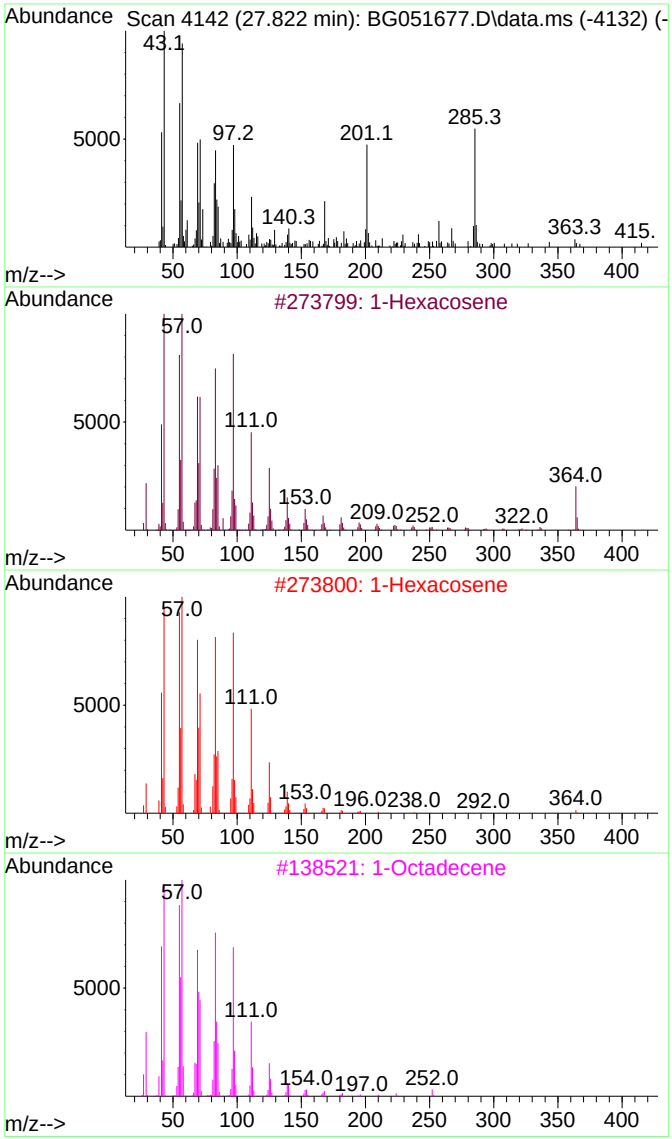
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

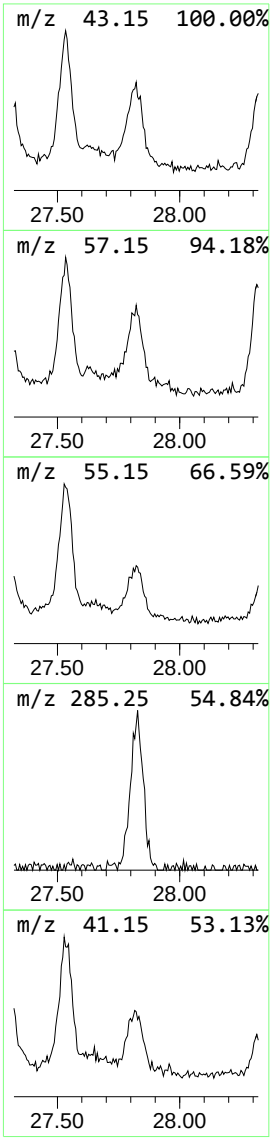
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 75 (DEL) Alkane: Straight-Chai... Concentration Rank 63

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 27.822 | 7.12 ng/ul | 704845 | Perylene-d12 | 25.490 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 60 |
| 2 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 52 |
| 3 | 1-Octadecene | 252 | C18H36 | 000112-88-9 | 50 |
| 4 | 5-Eicosene, (E)- | 280 | C20H40 | 074685-30-6 | 49 |
| 5 | 1-Hexadecanol, 2-methyl- | 256 | C17H36O | 002490-48-4 | 46 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
Data File : BG051677.D
Acq On : 20 Dec 2021 12:03
Operator : CG/JU
Sample : M5171-09 20X
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGLA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.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 |
| Benzene, 1,3-di... | 6.263 | 49.3 | ng/ul | 2645460 | 1 | 8.278 | 1072610 | 20.0 |
| Cyclohexanone, ... | 6.903 | 9.3 | ng/ul | 497588 | 1 | 8.278 | 1072610 | 20.0 |
| Benzene, propyl- | 7.250 | 22.8 | ng/ul | 1223230 | 1 | 8.278 | 1072610 | 20.0 |
| Benzene, 1-ethy... | 7.355 | 30.3 | ng/ul | 1622740 | 1 | 8.278 | 1072610 | 20.0 |
| Benzene, 1,2,3-... | 7.490 | 22.3 | ng/ul | 1196420 | 1 | 8.278 | 1072610 | 20.0 |
| Benzene, 1-ethy... | 7.661 | 15.1 | ng/ul | 808587 | 1 | 8.278 | 1072610 | 20.0 |
| (DEL) Alkane: S... | 7.902 | 63.9 | ng/ul | 3424950 | 1 | 8.278 | 1072610 | 20.0 |
| Indane | 8.659 | 12.9 | ng/ul | 694739 | 1 | 8.278 | 1072610 | 20.0 |
| Benzene, 1-meth... | 8.830 | 26.3 | ng/ul | 1410340 | 1 | 8.278 | 1072610 | 20.0 |
| o-Cymene | 9.300 | 9.7 | ng/ul | 519819 | 1 | 8.278 | 1072610 | 20.0 |
| Benzene, 1-ethy... | 9.400 | 24.5 | ng/ul | 1312670 | 1 | 8.278 | 1072610 | 20.0 |
| (DEL) Alkane: S... | 9.523 | 77.5 | ng/ul | 4154040 | 1 | 8.278 | 1072610 | 20.0 |
| (DEL) Alkane: C... | 11.820 | 3.8 | ng/ul | 481430 | 2 | 11.127 | 2513150 | 20.0 |
| (DEL) Alkane: S... | 12.125 | 6.4 | ng/ul | 808505 | 2 | 11.127 | 2513150 | 20.0 |
| (DEL) Alkane: S... | 12.513 | 19.1 | ng/ul | 2405900 | 2 | 11.127 | 2513150 | 20.0 |
| Benzenamine, 2,... | 13.353 | 24.5 | ng/ul | 644918 | 3 | 14.916 | 527119 | 20.0 |
| (DEL) Alkane: S... | 13.453 | 23.5 | ng/ul | 618638 | 3 | 14.916 | 527119 | 20.0 |
| Naphthalene, 2-... | 13.946 | 23.9 | ng/ul | 629416 | 3 | 14.916 | 527119 | 20.0 |
| Naphthalene, 1,... | 14.076 | 27.3 | ng/ul | 718791 | 3 | 14.916 | 527119 | 20.0 |
| Naphthalene, 2,... | 14.240 | 77.0 | ng/ul | 2030340 | 3 | 14.916 | 527119 | 20.0 |
| Carbonic acid, ... | 14.387 | 23.2 | ng/ul | 611124 | 3 | 14.916 | 527119 | 20.0 |
| (DEL) Alkane: S... | 14.798 | 94.9 | ng/ul | 2502250 | 3 | 14.916 | 527119 | 20.0 |
| 3-(2-Methyl-pro... | 15.121 | 21.2 | ng/ul | 559593 | 3 | 14.916 | 527119 | 20.0 |
| Benzene, (1-met... | 15.844 | 20.8 | ng/ul | 547942 | 3 | 14.916 | 527119 | 20.0 |
| Dodecane, 1-iodo- | 16.149 | 32.0 | ng/ul | 843903 | 3 | 14.916 | 527119 | 20.0 |
| (DEL) Alkane: S... | 16.602 | 50.2 | ng/ul | 1822220 | 4 | 17.659 | 726573 | 20.0 |
| (DEL) Alkane: S... | 16.631 | 22.4 | ng/ul | 815249 | 4 | 17.659 | 726573 | 20.0 |
| Tetradecanoic acid | 17.036 | 22.1 | ng/ul | 802661 | 4 | 17.659 | 726573 | 20.0 |
| (DEL) Alkane: S... | 17.395 | 31.0 | ng/ul | 1124570 | 4 | 17.659 | 726573 | 20.0 |
| Benzene, (1-met... | 17.542 | 24.4 | ng/ul | 886949 | 4 | 17.659 | 726573 | 20.0 |
| (DEL) Alkane: S... | 18.141 | 32.5 | ng/ul | 1181320 | 4 | 17.659 | 726573 | 20.0 |
| n-Hexadecanoic ... | 18.552 | 111.8 | ng/ul | 4061110 | 4 | 17.659 | 726573 | 20.0 |
| (DEL) Alkane: S... | 18.822 | 19.4 | ng/ul | 706735 | 4 | 17.659 | 726573 | 20.0 |
| (DEL) Alkane: S... | 19.445 | 37.2 | ng/ul | 1352520 | 4 | 17.659 | 726573 | 20.0 |
| Octadecanoic acid | 19.809 | 38.5 | ng/ul | 1399100 | 4 | 17.659 | 726573 | 20.0 |
| (DEL) Alkane: S... | 19.874 | 19.1 | ng/ul | 592940 | 5 | 21.988 | 619677 | 20.0 |
| 1,2-Benzenedica... | 20.314 | 22.0 | ng/ul | 682953 | 5 | 21.988 | 619677 | 20.0 |
| (DEL) Alkane: S... | 20.543 | 30.2 | ng/ul | 936572 | 5 | 21.988 | 619677 | 20.0 |
| (DEL) Alkane: S... | 21.054 | 25.6 | ng/ul | 794010 | 5 | 21.988 | 619677 | 20.0 |
| Phosphoric acid... | 21.307 | 60.6 | ng/ul | 1876420 | 5 | 21.988 | 619677 | 20.0 |
| Carbonic acid, ... | 21.595 | 77.9 | ng/ul | 2413870 | 5 | 21.988 | 619677 | 20.0 |
| (DEL) Alkane: S... | 22.177 | 58.3 | ng/ul | 1806020 | 5 | 21.988 | 619677 | 20.0 |
| 1,2-Benzenedica... | 22.599 | 22.6 | ng/ul | 699475 | 5 | 21.988 | 619677 | 20.0 |
| 9-Octadecenoic ... | 22.705 | 100.2 | ng/ul | 3103340 | 5 | 21.988 | 619677 | 20.0 |
| (DEL) Alkane: S... | 22.846 | 60.1 | ng/ul | 1860820 | 5 | 21.988 | 619677 | 20.0 |
| Phthalic acid, ... | 23.064 | 29.9 | ng/ul | 925541 | 5 | 21.988 | 619677 | 20.0 |
| (DEL) Alkane: S... | 23.598 | 31.5 | ng/ul | 976900 | 5 | 21.988 | 619677 | 20.0 |
| Dibenzyl phthalate | 23.692 | 23.2 | ng/ul | 717524 | 5 | 21.988 | 619677 | 20.0 |
| (DEL) Alkane: S... | 24.497 | 7.9 | ng/ul | 783469 | 6 | 25.490 | 1979690 | 20.0 |
| (DEL) Alkane: S... | 26.811 | 5.6 | ng/ul | 550027 | 6 | 25.490 | 1979690 | 20.0 |
| (DEL) Alkane: S... | 27.822 | 7.1 | ng/ul | 704845 | 6 | 25.490 | 1979690 | 20.0 |