LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056816.D
Acq On : 3 Mar 2023 23:20
Operator : CG/JU
Sample : 01711-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DBAC3

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-BG022323.M
Title : SVOA CALIBRATION

Signal : TIC: BG056816.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.155 | 103 | 105 | 107 | rBV2 | 3264 | 2904 | 0.85% | 0.058% |
| 2 | 5.436 | 319 | 323 | 327 | rBV2 | 5746 | 8066 | 2.35% | 0.160% |
| 3 | 7.081 | 599 | 603 | 607 | rBV3 | 6233 | 8230 | 2.40% | 0.164% |
| 4 | 7.393 | 653 | 656 | 663 | rBV3 | 4532 | 7036 | 2.05% | 0.140% |
| 5 | 7.540 | 676 | 681 | 690 | rVB | 40210 | 70127 | 20.44% | 1.394% |
| 6 | 7.716 | 706 | 711 | 719 | rVB | 25795 | 44734 | 13.04% | 0.889% |
| 7 | 7.851 | 730 | 734 | 739 | rVB2 | 4472 | 6589 | 1.92% | 0.131% |
| 8 | 7.939 | 743 | 749 | 756 | rVB | 34926 | 58795 | 17.13% | 1.169% |
| 9 | 8.421 | 824 | 831 | 837 | rVB | 57389 | 95321 | 27.78% | 1.895% |
| 10 | 8.721 | 877 | 882 | 887 | rBV3 | 4236 | 6413 | 1.87% | 0.127% |
| 11 | 9.103 | 941 | 947 | 954 | rVB2 | 46553 | 76260 | 22.22% | 1.516% |
| 12 | 9.244 | 966 | 971 | 978 | rVB4 | 6652 | 13515 | 3.94% | 0.269% |
| 13 | 9.590 | 1021 | 1030 | 1039 | rVB | 40220 | 70512 | 20.55% | 1.402% |
| 14 | 10.319 | 1148 | 1154 | 1161 | rVB3 | 32698 | 56029 | 16.33% | 1.114% |
| 15 | 10.671 | 1211 | 1214 | 1222 | rVB3 | 860 | 1682 | 0.49% | 0.033% |
| 16 | 10.859 | 1239 | 1246 | 1254 | rBV2 | 48376 | 87076 | 25.37% | 1.731% |
| 17 | 11.253 | 1306 | 1313 | 1320 | rBV | 83404 | 149028 | 43.43% | 2.962% |
| 18 | 11.376 | 1328 | 1334 | 1342 | rVB2 | 23820 | 39802 | 11.60% | 0.791% |
| 19 | 12.017 | 1439 | 1443 | 1446 | rBV2 | 1072 | 1387 | 0.40% | 0.028% |
| 20 | 13.779 | 1738 | 1743 | 1747 | rVV2 | 2278 | 3701 | 1.08% | 0.074% |
| 21 | 13.891 | 1758 | 1762 | 1767 | rVB2 | 25550 | 35266 | 10.28% | 0.701% |
| 22 | 14.103 | 1793 | 1798 | 1799 | rVV3 | 1580 | 2427 | 0.71% | 0.048% |
| 23 | 14.144 | 1799 | 1805 | 1808 | rVB4 | 3025 | 4035 | 1.18% | 0.080% |
| 24 | 14.185 | 1808 | 1812 | 1817 | rVB2 | 1350 | 1897 | 0.55% | 0.038% |
| 25 | 14.249 | 1820 | 1823 | 1826 | rBV3 | 1131 | 1517 | 0.44% | 0.030% |
| 26 | 14.344 | 1833 | 1839 | 1844 | rBV2 | 71377 | 110120 | 32.09% | 2.189% |
| 27 | 14.402 | 1844 | 1849 | 1859 | rVB | 103776 | 162393 | 47.32% | 3.228% |
| 28 | 14.561 | 1871 | 1876 | 1881 | rVV2 | 70121 | 98726 | 28.77% | 1.962% |
| 29 | 14.614 | 1881 | 1885 | 1888 | rVV5 | 7725 | 10666 | 3.11% | 0.212% |
| 30 | 14.667 | 1891 | 1894 | 1895 | rVV2 | 1241 | 1466 | 0.43% | 0.029% |
| 31 | 14.720 | 1897 | 1903 | 1909 | rVB2 | 114030 | 182978 | 53.32% | 3.637% |
| 32 | 14.784 | 1909 | 1914 | 1918 | rVB5 | 2585 | 3708 | 1.08% | 0.074% |
| 33 | 14.849 | 1918 | 1925 | 1929 | rBV2 | 17848 | 25010 | 7.29% | 0.497% |
| 34 | 14.972 | 1940 | 1946 | 1949 | rBV5 | 11218 | 19694 | 5.74% | 0.391% |
| 35 | 15.019 | 1949 | 1954 | 1959 | rVV | 158249 | 236752 | 68.99% | 4.706% |
| 36 | 15.066 | 1959 | 1962 | 1967 | rVV3 | 38763 | 58592 | 17.07% | 1.165% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056816.D
Acq On : 3 Mar 2023 23:20
Operator : CG/JU
Sample : 01711-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DBAC3

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-BG022323.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 15.107 | 1967 | 1969 | 1975 | rVB5 | 10141 | 16836 | 4.91% | 0.335% |
| 38 | 15.172 | 1975 | 1980 | 1986 | rBV | 40839 | 63921 | 18.63% | 1.271% |
| 39 | 15.242 | 1986 | 1992 | 1997 | rBV7 | 7901 | 19019 | 5.54% | 0.378% |
| 40 | 15.372 | 2001 | 2014 | 2026 | rVB5 | 61699 | 192522 | 56.10% | 3.827% |
| 41 | 15.812 | 2085 | 2089 | 2093 | rVB3 | 1739 | 2905 | 0.85% | 0.058% |
| 42 | 15.895 | 2098 | 2103 | 2110 | rBV7 | 12689 | 27612 | 8.05% | 0.549% |
| 43 | 16.000 | 2113 | 2121 | 2128 | rVV | 153728 | 246037 | 71.70% | 4.891% |
| 44 | 16.053 | 2128 | 2130 | 2133 | rVB2 | 1780 | 1809 | 0.53% | 0.036% |
| 45 | 16.100 | 2133 | 2138 | 2144 | rBV2 | 45833 | 68220 | 19.88% | 1.356% |
| 46 | 16.165 | 2146 | 2149 | 2155 | rVV3 | 1820 | 2525 | 0.74% | 0.050% |
| 47 | 16.282 | 2164 | 2169 | 2171 | rBV2 | 1434 | 1772 | 0.52% | 0.035% |
| 48 | 16.353 | 2171 | 2181 | 2186 | rVB | 19956 | 30153 | 8.79% | 0.599% |
| 49 | 16.465 | 2194 | 2200 | 2208 | rVB2 | 34209 | 49756 | 14.50% | 0.989% |
| 50 | 16.553 | 2212 | 2215 | 2219 | rBV2 | 1070 | 1525 | 0.44% | 0.030% |
| 51 | 16.617 | 2222 | 2226 | 2229 | rVV2 | 1847 | 2176 | 0.63% | 0.043% |
| 52 | 16.705 | 2237 | 2241 | 2245 | rVV2 | 1865 | 2216 | 0.65% | 0.044% |
| 53 | 17.170 | 2317 | 2320 | 2322 | rBV | 1451 | 1693 | 0.49% | 0.034% |
| 54 | 17.510 | 2376 | 2378 | 2381 | rVV2 | 1336 | 1593 | 0.46% | 0.032% |
| 55 | 17.540 | 2381 | 2383 | 2386 | rVB | 1279 | 1397 | 0.41% | 0.028% |
| 56 | 17.610 | 2392 | 2395 | 2398 | rBV | 1512 | 1460 | 0.43% | 0.029% |
| 57 | 17.751 | 2413 | 2419 | 2426 | rVV | 207489 | 319727 | 93.17% | 6.355% |
| 58 | 17.851 | 2430 | 2436 | 2444 | rBV | 158348 | 235863 | 68.73% | 4.688% |
| 59 | 17.945 | 2450 | 2452 | 2456 | rVB3 | 1457 | 1866 | 0.54% | 0.037% |
| 60 | 17.998 | 2456 | 2461 | 2462 | rBV2 | 1180 | 1576 | 0.46% | 0.031% |
| 61 | 18.116 | 2478 | 2481 | 2483 | rBV2 | 1636 | 1618 | 0.47% | 0.032% |
| 62 | 18.198 | 2487 | 2495 | 2497 | rBV6 | 3916 | 7686 | 2.24% | 0.153% |
| 63 | 18.221 | 2497 | 2499 | 2500 | rVV2 | 2170 | 1334 | 0.39% | 0.027% |
| 64 | 18.304 | 2512 | 2513 | 2516 | rBV2 | 1742 | 2073 | 0.60% | 0.041% |
| 65 | 18.386 | 2525 | 2527 | 2528 | rBV | 1788 | 1510 | 0.44% | 0.030% |
| 66 | 18.591 | 2559 | 2562 | 2568 | rBV6 | 28514 | 41523 | 12.10% | 0.825% |
| 67 | 19.320 | 2683 | 2686 | 2688 | rBV4 | 2182 | 2086 | 0.61% | 0.041% |
| 68 | 19.396 | 2697 | 2699 | 2703 | rVB3 | 2992 | 3477 | 1.01% | 0.069% |
| 69 | 19.496 | 2713 | 2716 | 2719 | rVB2 | 2612 | 2581 | 0.75% | 0.051% |
| 70 | 19.526 | 2719 | 2721 | 2723 | rBV2 | 1186 | 1395 | 0.41% | 0.028% |
| 71 | 19.584 | 2727 | 2731 | 2733 | rBV3 | 937 | 1404 | 0.41% | 0.028% |
| 72 | 19.614 | 2733 | 2736 | 2737 | rBV3 | 1679 | 1755 | 0.51% | 0.035% |
| 73 | 19.673 | 2744 | 2746 | 2749 | rVB3 | 2878 | 2823 | 0.82% | 0.056% |
| 74 | 19.837 | 2771 | 2774 | 2778 | rBV4 | 8118 | 10417 | 3.04% | 0.207% |
| 75 | 19.960 | 2792 | 2795 | 2796 | rBV3 | 3353 | 3567 | 1.04% | 0.071% |
| 76 | 20.113 | 2815 | 2821 | 2829 | rVB | 207162 | 306727 | 89.38% | 6.097% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056816.D
Acq On : 3 Mar 2023 23:20
Operator : CG/JU
Sample : 01711-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** DBAC3

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-BG022323.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 20.436 | 2874 | 2876 | 2878 | rBV3 | 2018 | 1924 | 0.56% | 0.038% |
| 78 | 20.501 | 2885 | 2887 | 2890 | rBV4 | 4256 | 6504 | 1.90% | 0.129% |
| 79 | 20.736 | 2925 | 2927 | 2929 | rBV3 | 2209 | 1495 | 0.44% | 0.030% |
| 80 | 20.883 | 2946 | 2952 | 2953 | rBV5 | 7876 | 14047 | 4.09% | 0.279% |
| 81 | 21.106 | 2986 | 2990 | 2998 | rVB9 | 6020 | 14114 | 4.11% | 0.281% |
| 82 | 21.282 | 3016 | 3020 | 3024 | rBV6 | 5035 | 8012 | 2.33% | 0.159% |
| 83 | 21.459 | 3045 | 3050 | 3055 | rVB | 174633 | 238373 | 69.46% | 4.738% |
| 84 | 21.629 | 3075 | 3079 | 3087 | rBV4 | 42088 | 75487 | 22.00% | 1.500% |
| 85 | 22.058 | 3145 | 3152 | 3160 | rVV2 | 191555 | 333606 | 97.21% | 6.631% |
| 86 | 22.904 | 3288 | 3296 | 3310 | rBV3 | 39286 | 110131 | 32.09% | 2.189% |
| 87 | 24.520 | 3564 | 3571 | 3577 | rBV4 | 30136 | 67482 | 19.66% | 1.341% |
| 88 | 24.584 | 3579 | 3582 | 3583 | rBV3 | 9171 | 8515 | 2.48% | 0.169% |
| 89 | 25.337 | 3701 | 3710 | 3724 | rVB3 | 90789 | 269999 | 78.68% | 5.367% |
| 90 | 25.431 | 3724 | 3726 | 3729 | rBV4 | 2881 | 3032 | 0.88% | 0.060% |
| 91 | 25.583 | 3742 | 3752 | 3766 | rVB2 | 111972 | 343168 | 100.00% | 6.821% |
| 92 | 26.829 | 3958 | 3964 | 3975 | rVB3 | 23122 | 63144 | 18.40% | 1.255% |
| 93 | 26.952 | 3980 | 3985 | 3986 | rBV4 | 5971 | 10252 | 2.99% | 0.204% |
| 94 | 27.986 | 4160 | 4161 | 4162 | rBV | 3030 | 2062 | 0.60% | 0.041% |
| 95 | 28.215 | 4198 | 4200 | 4201 | rVB2 | 3030 | 1711 | 0.50% | 0.034% |
| 96 | 28.709 | 4282 | 4284 | 4287 | rVB3 | 1960 | 2065 | 0.60% | 0.041% |
| 97 | 30.019 | 4505 | 4507 | 4510 | rBV4 | 2023 | 2187 | 0.64% | 0.043% |
| 98 | 30.859 | 4648 | 4650 | 4651 | rBV | 2356 | 1345 | 0.39% | 0.027% |
| 99 | 31.376 | 4736 | 4738 | 4739 | rBV2 | 2353 | 1729 | 0.50% | 0.034% |
| 100 | 32.534 | 4933 | 4935 | 4937 | rVB2 | 2589 | 1890 | 0.55% | 0.038% |

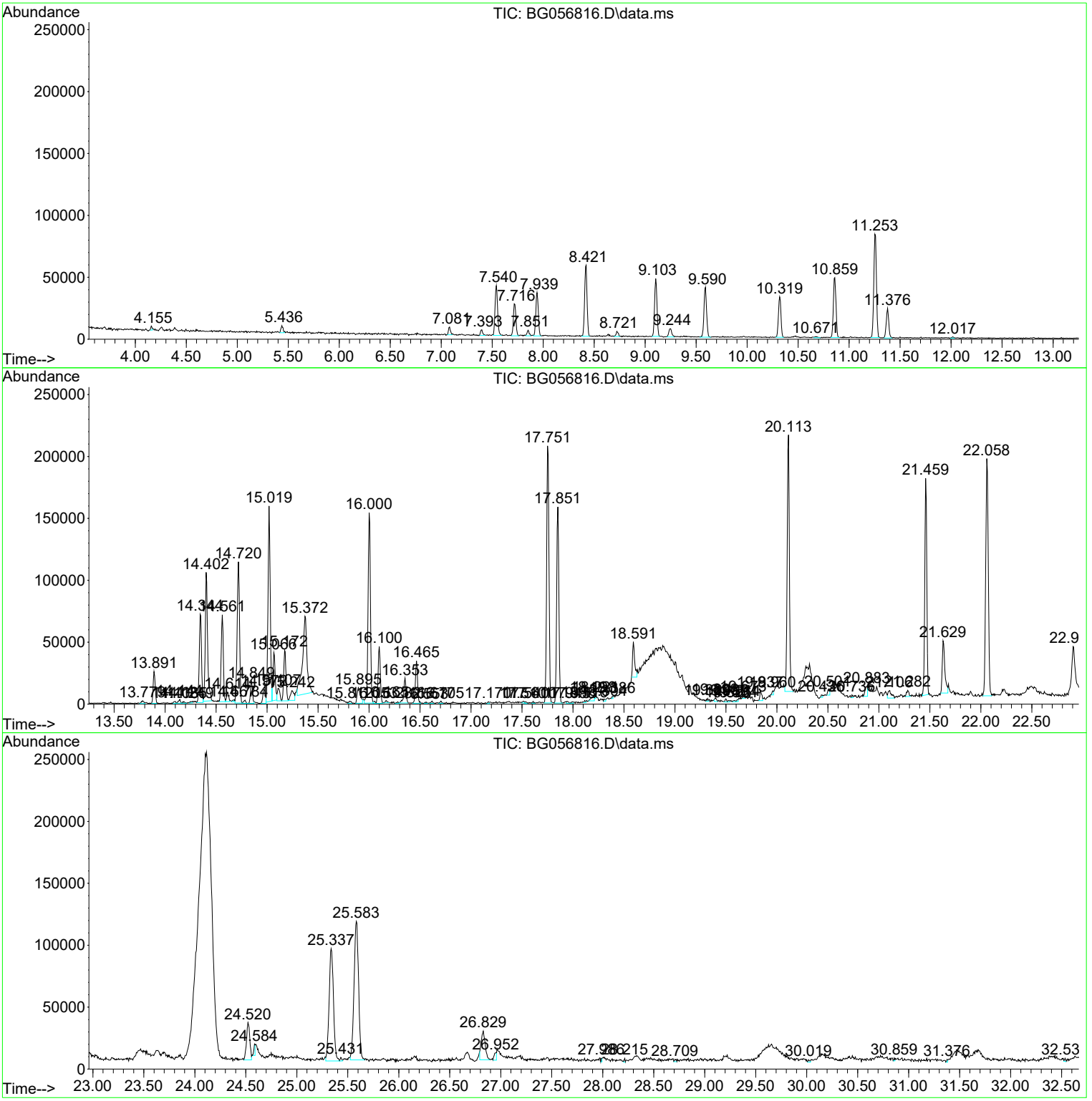
Sum of corrected areas: 5030883

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056816.D
Acq On : 3 Mar 2023 23:20
Operator : CG/JU
Sample : 01711-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBAC3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056816.D
Acq On : 3 Mar 2023 23:20
Operator : CG/JU
Sample : 01711-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBAC3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

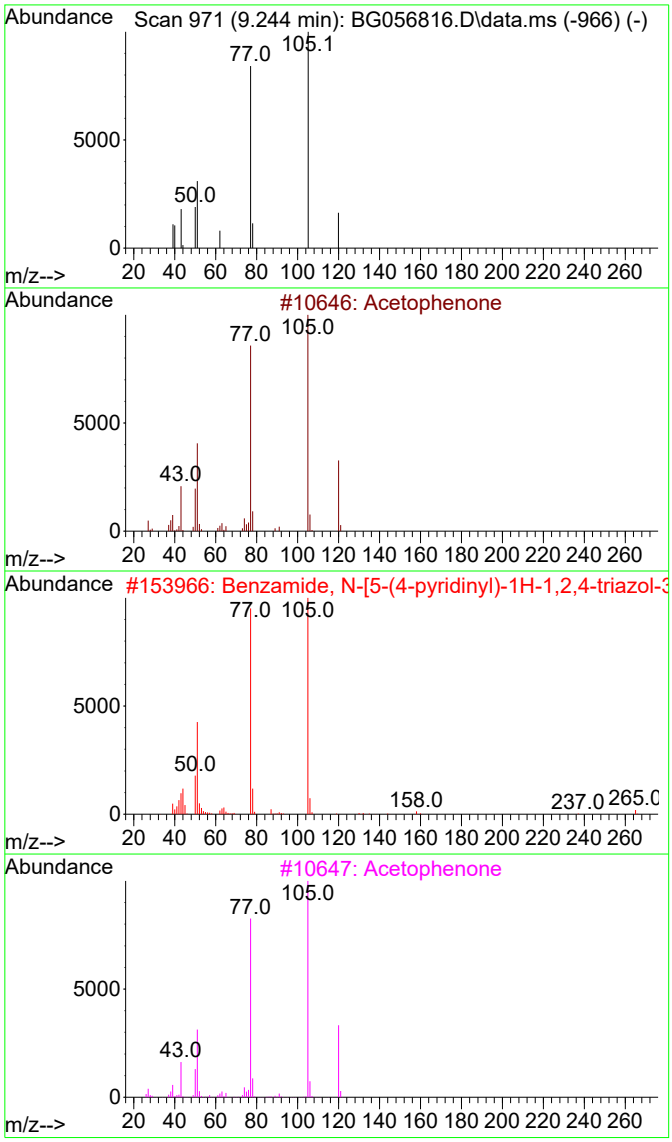
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

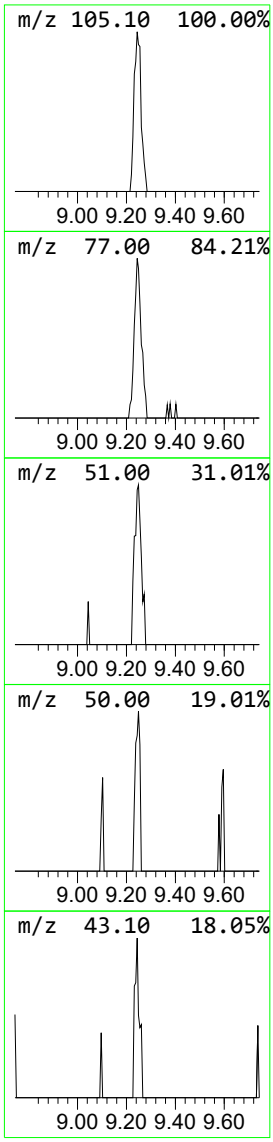
**********

Peak Number 1 unknown-01 Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.244 | 2.84 ng/ul | 13515 | 1,4-Dichlorobenzene-d4 | 8.415 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetophenone | 120 | C8H8O | 000098-86-2 | 43 |
| 2 | Benzamide, N-[5-(4-pyridinyl)-1H... | 265 | C14H11N5O | 1000319-96-5 | 43 |
| 3 | Acetophenone | 120 | C8H8O | 000098-86-2 | 43 |
| 4 | Ethanone, 2,2-dihydroxy-1-phenyl- | 152 | C8H8O3 | 001075-06-5 | 43 |
| 5 | Acetophenone | 120 | C8H8O | 000098-86-2 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056816.D
Acq On : 3 Mar 2023 23:20
Operator : CG/JU
Sample : 01711-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBAC3

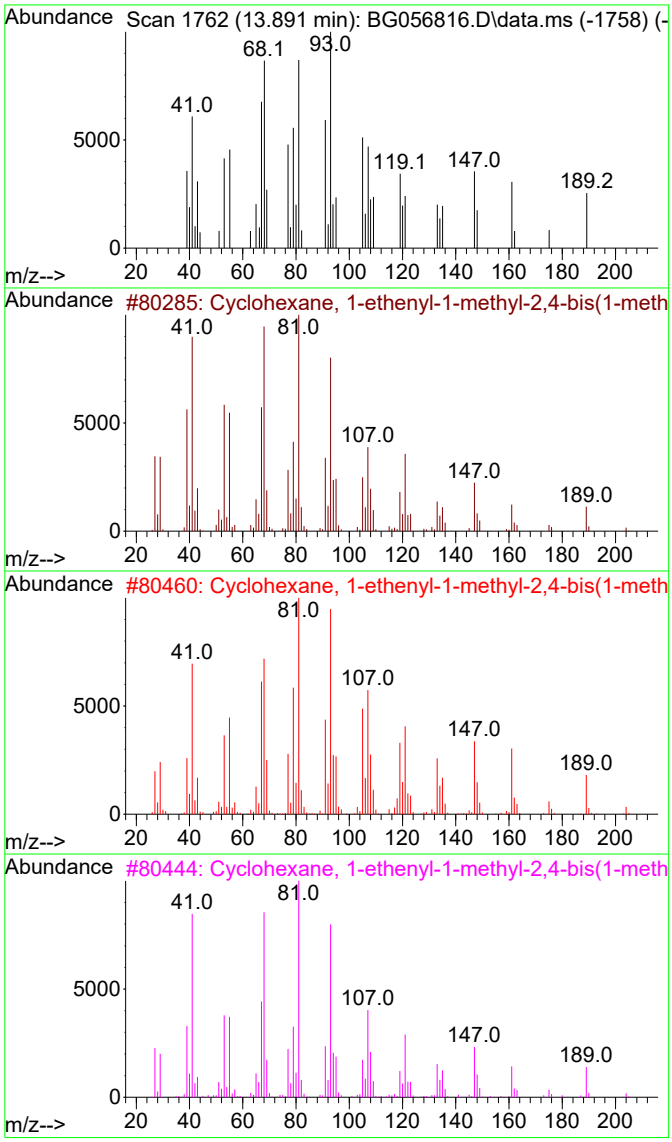
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

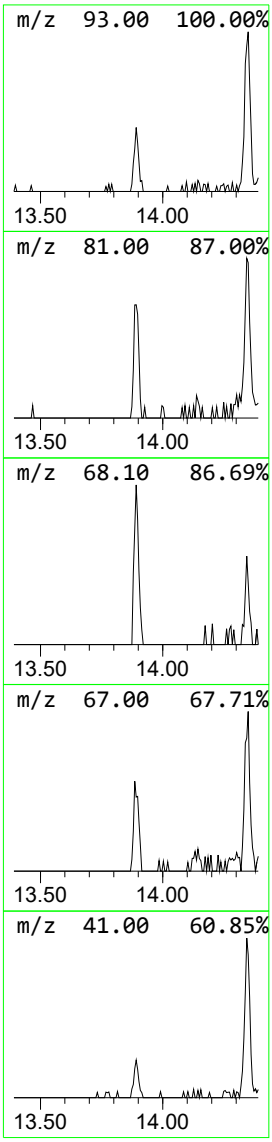
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Cyclohexane, 1-ethenyl-1-me... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.891 | 2.98 ng/ul | 35266 | Acenaphthene-d10 | 15.019 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-ethenyl-1-methyl-... | 204 | C15H24 | 110823-68-2 | 90 |
| 2 | Cyclohexane, 1-ethenyl-1-methyl-... | 204 | C15H24 | 000515-13-9 | 60 |
| 3 | Cyclohexane, 1-ethenyl-1-methyl-... | 204 | C15H24 | 033880-83-0 | 58 |
| 4 | 1-Cyclohexene-1-carboxaldehyde, ... | 150 | C10H14O | 002111-75-3 | 49 |
| 5 | 1-Cyclohexene-1-carboxaldehyde, ... | 150 | C10H14O | 002111-75-3 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056816.D
Acq On : 3 Mar 2023 23:20
Operator : CG/JU
Sample : 01711-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBAC3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

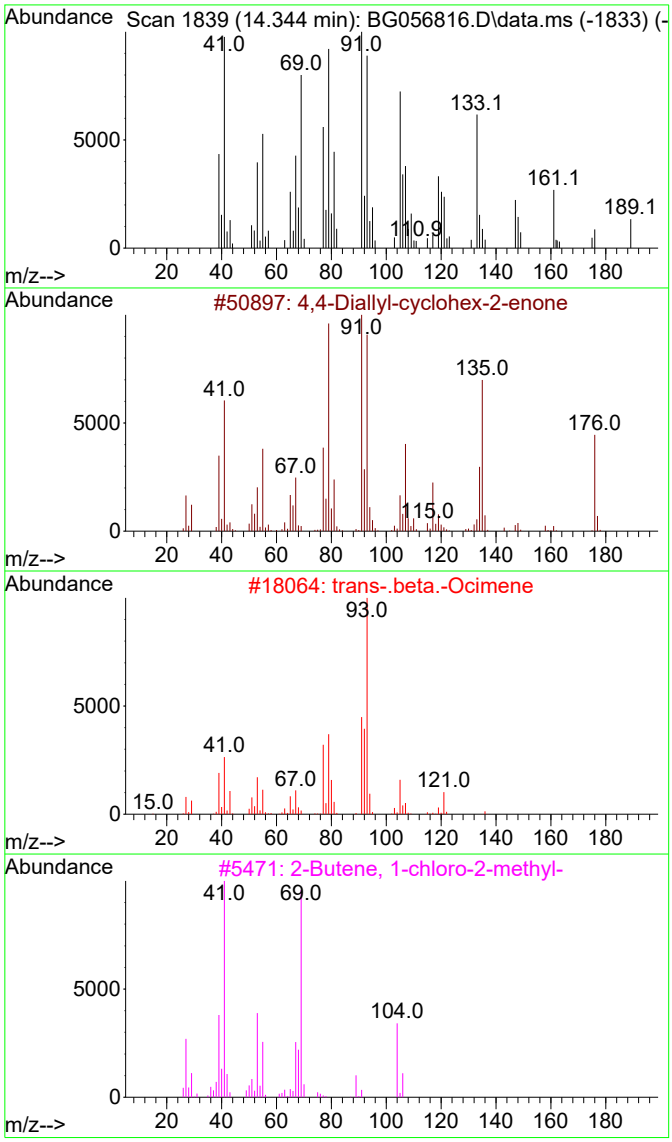
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

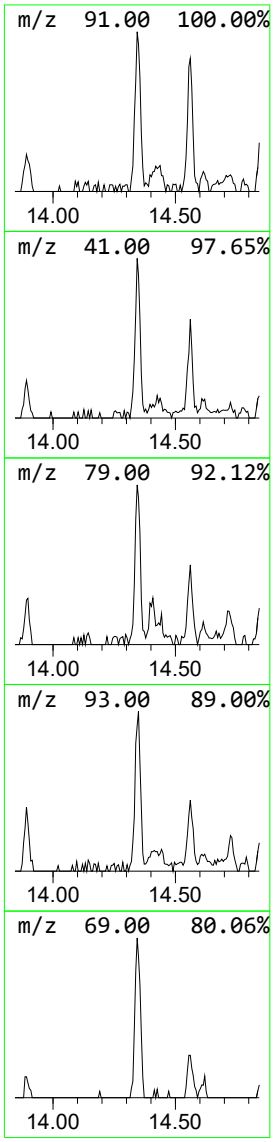
**********

Peak Number 3 unknown-02 Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.344 | 9.30 ng/ul | 110120 | Acenaphthene-d10 | 15.019 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4,4-Diallyl-cyclohex-2-enone | 176 | C12H16O | 1000186-50-1 | 41 |
| 2 | trans-.beta.-Ocimene | 136 | C10H16 | 003779-61-1 | 38 |
| 3 | 2-Butene, 1-chloro-2-methyl- | 104 | C5H9Cl | 013417-43-1 | 35 |
| 4 | Cyclohexane, 1,5-diethenyl-3-met... | 162 | C12H18 | 074742-35-1 | 35 |
| 5 | 6,6-Dimethyl-2-vinylidenebicyclo... | 148 | C11H16 | 039021-75-5 | 35 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056816.D
Acq On : 3 Mar 2023 23:20
Operator : CG/JU
Sample : 01711-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBAC3

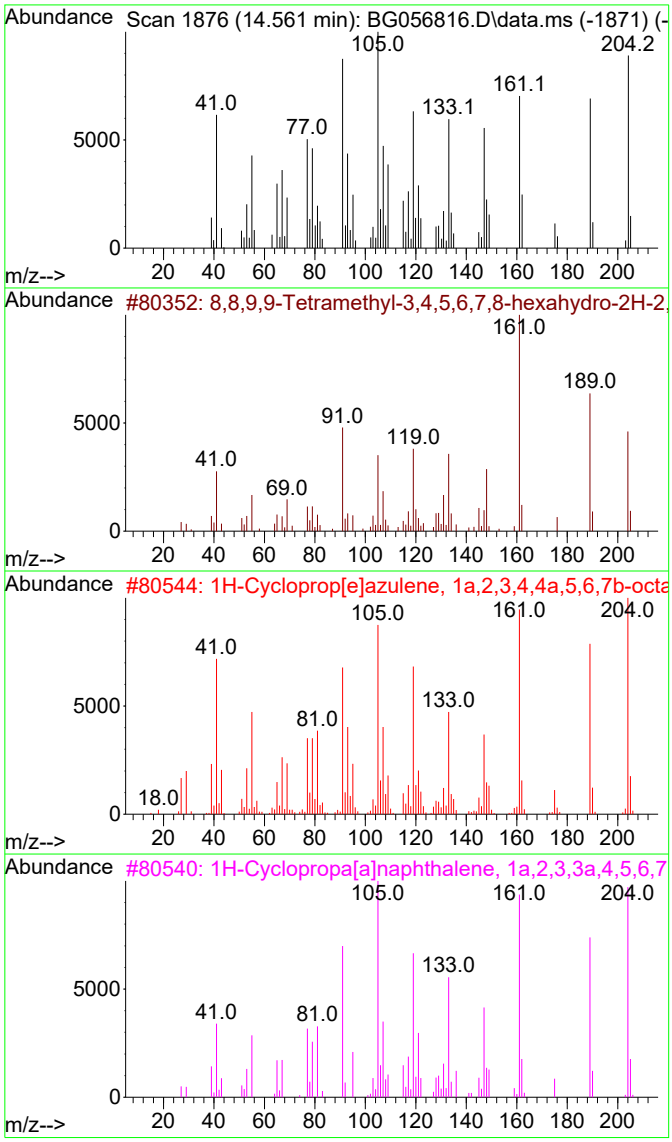
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

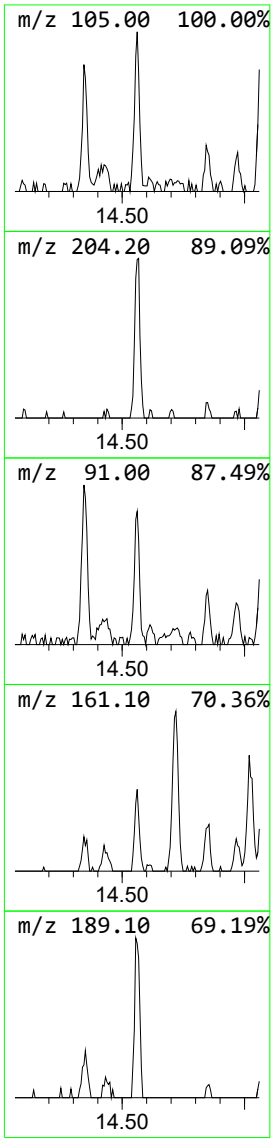
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 8,8,9,9-Tetramethyl-3,4,5,6... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.561 | 8.34 ng/ul | 98726 | Acenaphthene-d10 | 15.019 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 8,8,9,9-Tetramethyl-3,4,5,6,7,8-... | 204 | C15H24 | 026783-22-2 | 98 |
| 2 | 1H-Cycloprop[e]azulene, 1a,2,3,4... | 204 | C15H24 | 000489-40-7 | 96 |
| 3 | 1H-Cyclopropa[a]naphthalene, 1a,... | 204 | C15H24 | 000489-29-2 | 96 |
| 4 | 1H-Cycloprop[e]azulene, 1a,2,3,4... | 204 | C15H24 | 000489-40-7 | 95 |
| 5 | (-)-Aristolene | 204 | C15H24 | 006831-16-9 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056816.D
Acq On : 3 Mar 2023 23:20
Operator : CG/JU
Sample : 01711-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBAC3

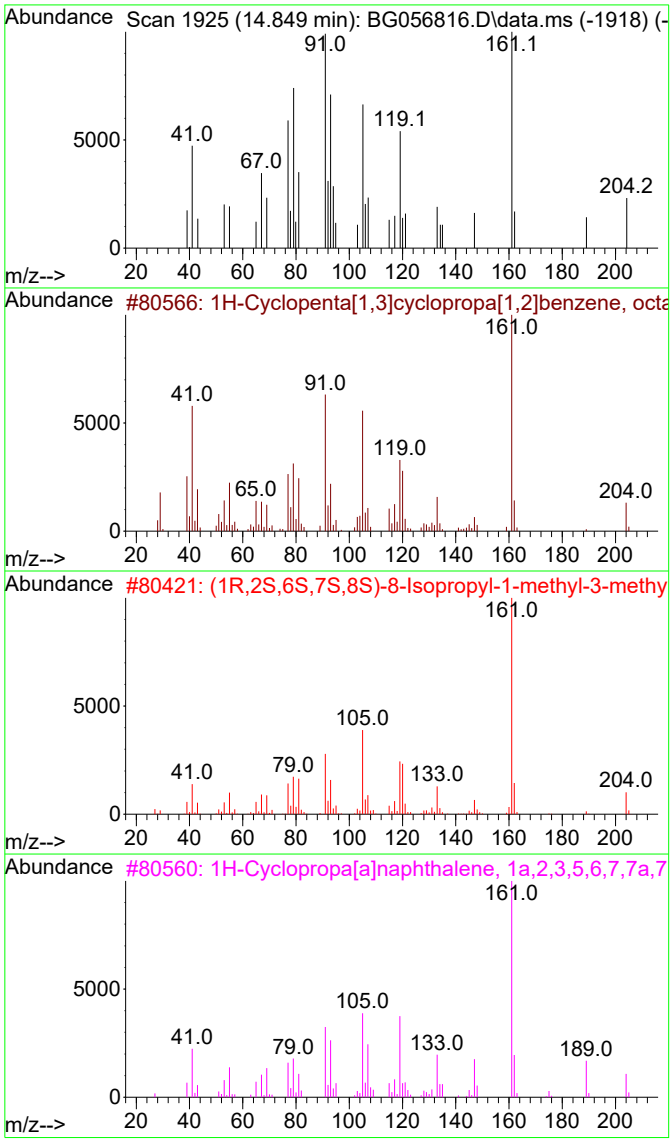
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

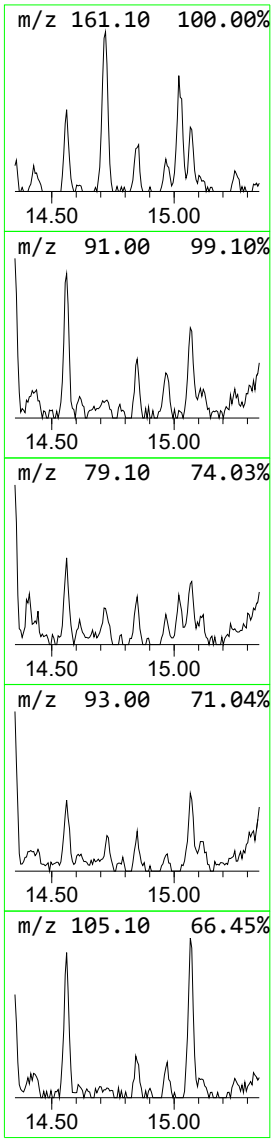
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 1H-Cyclopenta[1,3]cycloprop... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 14.849 | 2.11 ng/ul | 25010 | Acenaphthene-d10 | 15.019 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1H-Cyclopenta[1,3]cyclopropa[1,2... | 204 | C15H24 | 013744-15-5 | 81 |
| 2 | (1R,2S,6S,7S,8S)-8-Isopropyl-1-m... | 204 | C15H24 | 018252-44-3 | 70 |
| 3 | 1H-Cyclopropa[a]naphthalene, 1a,... | 204 | C15H24 | 017334-55-3 | 70 |
| 4 | (1R,2S,6S,7S,8S)-8-Isopropyl-1-m... | 204 | C15H24 | 018252-44-3 | 60 |
| 5 | 1H-Cyclopropa[a]naphthalene, 1a,... | 204 | C15H24 | 017334-55-3 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056816.D
Acq On : 3 Mar 2023 23:20
Operator : CG/JU
Sample : 01711-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBAC3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

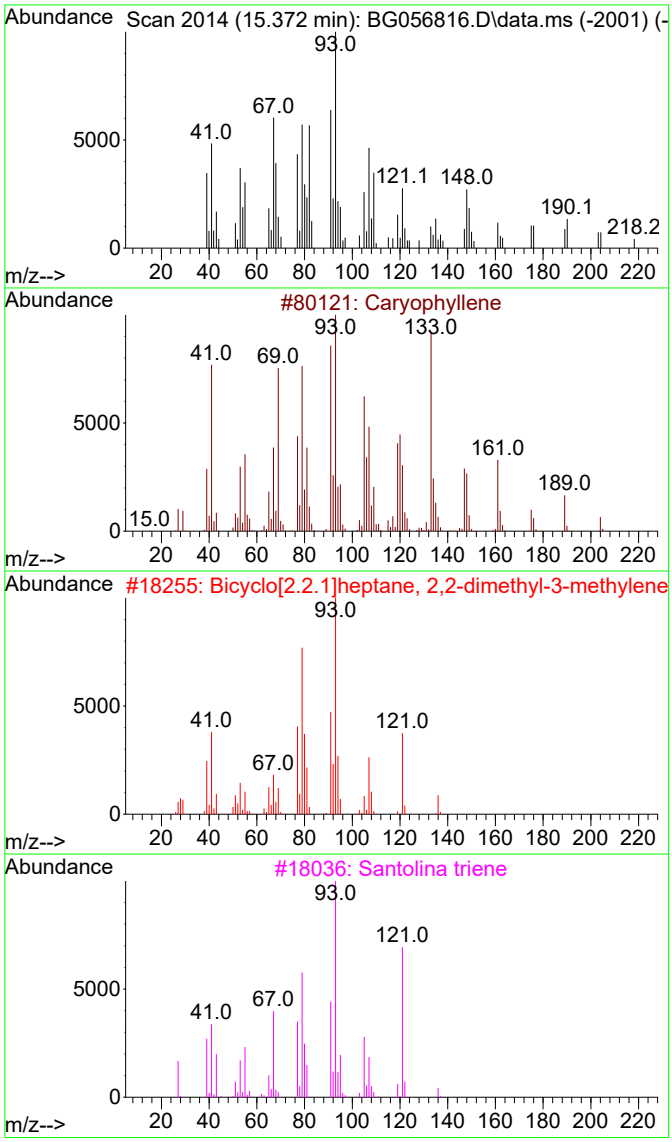
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

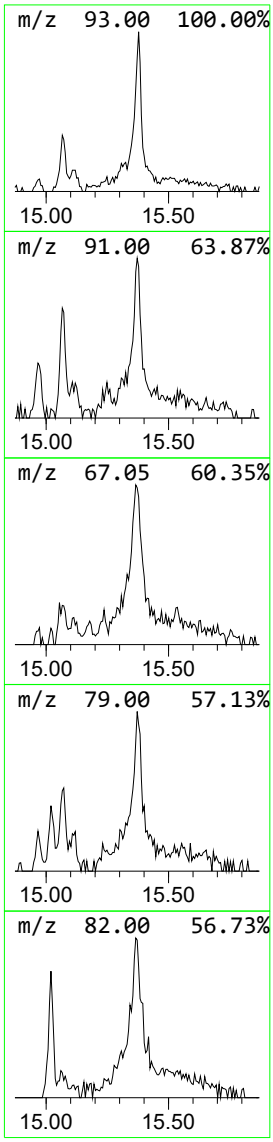
**********

Peak Number 6 Caryophyllene Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.372 | 16.26 ng/ul | 192522 | Acenaphthene-d10 | 15.019 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Caryophyllene | 204 | C15H24 | 000087-44-5 | 58 |
| 2 | Bicyclo[2.2.1]heptane, 2,2-dimet... | 136 | C10H16 | 005794-03-6 | 58 |
| 3 | Santolina triene | 136 | C10H16 | 002153-66-4 | 53 |
| 4 | Bicyclo[3.1.1]hept-2-ene, 2,6-di... | 204 | C15H24 | 017699-05-7 | 53 |
| 5 | 2,6,9,11-Dodecatetraenal, 2,6,10... | 218 | C15H22O | 017909-77-2 | 52 |



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Acq On : 3 Mar 2023 23:20
Operator : CG/JU
Sample : 01711-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBAC3

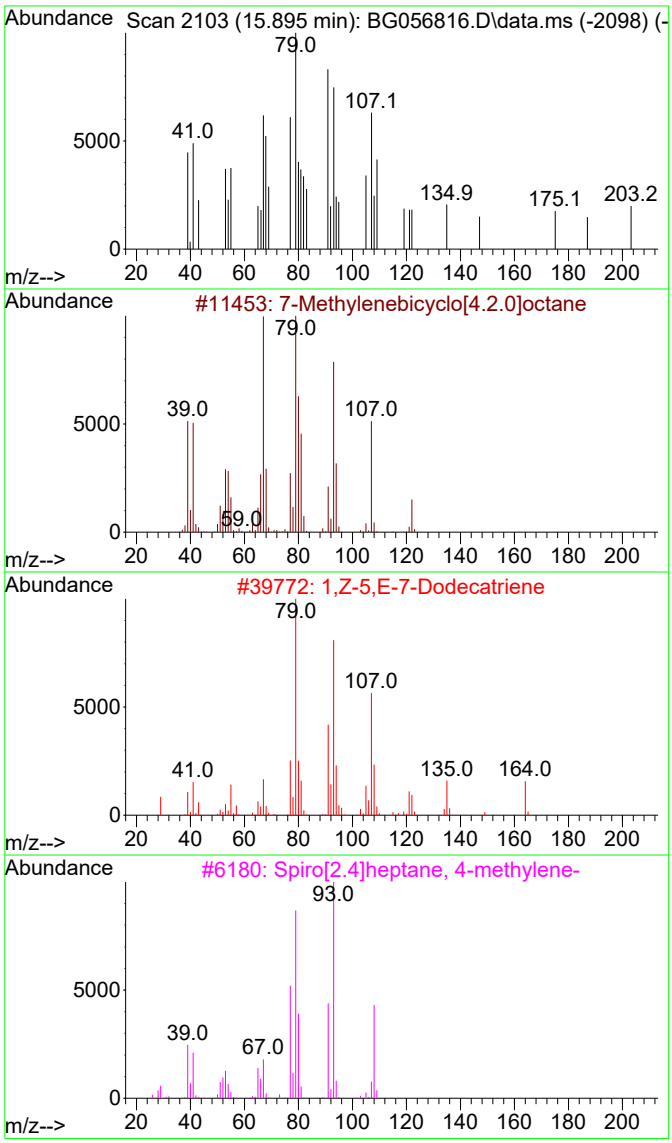
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

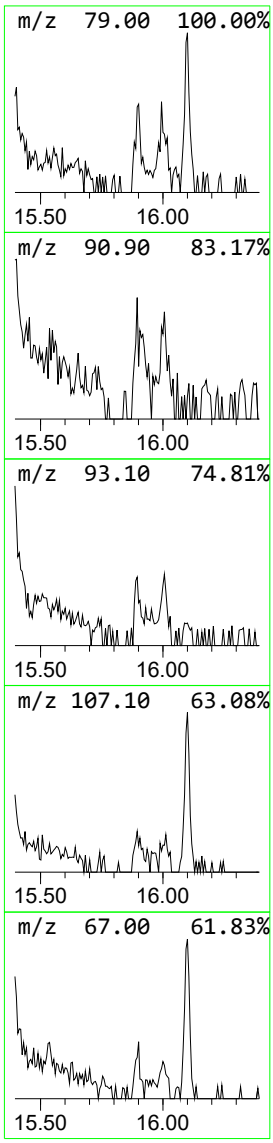
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 7-Methylenebicyclo[4.2.0]oc... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.895 | 2.33 ng/ul | 27612 | Acenaphthene-d10 | 15.019 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 7-Methylenebicyclo[4.2.0]octane | 122 | C9H14 | 1000211-11-2 | 60 |
| 2 | 1,Z-5,E-7-Dodecatriene | 164 | C12H20 | 083085-83-0 | 59 |
| 3 | Spiro[2.4]heptane, 4-methylene- | 108 | C8H12 | 024308-54-1 | 53 |
| 4 | 1-Isopropenyl-3-propenylcyclopen... | 150 | C11H18 | 1000192-81-2 | 50 |
| 5 | .omega.-3 Arachidonic Acid methy... | 318 | C21H34O2 | 132712-70-0 | 49 |



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Data File : BG056816.D
Acq On : 3 Mar 2023 23:20
Operator : CG/JU
Sample : 01711-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBAC3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

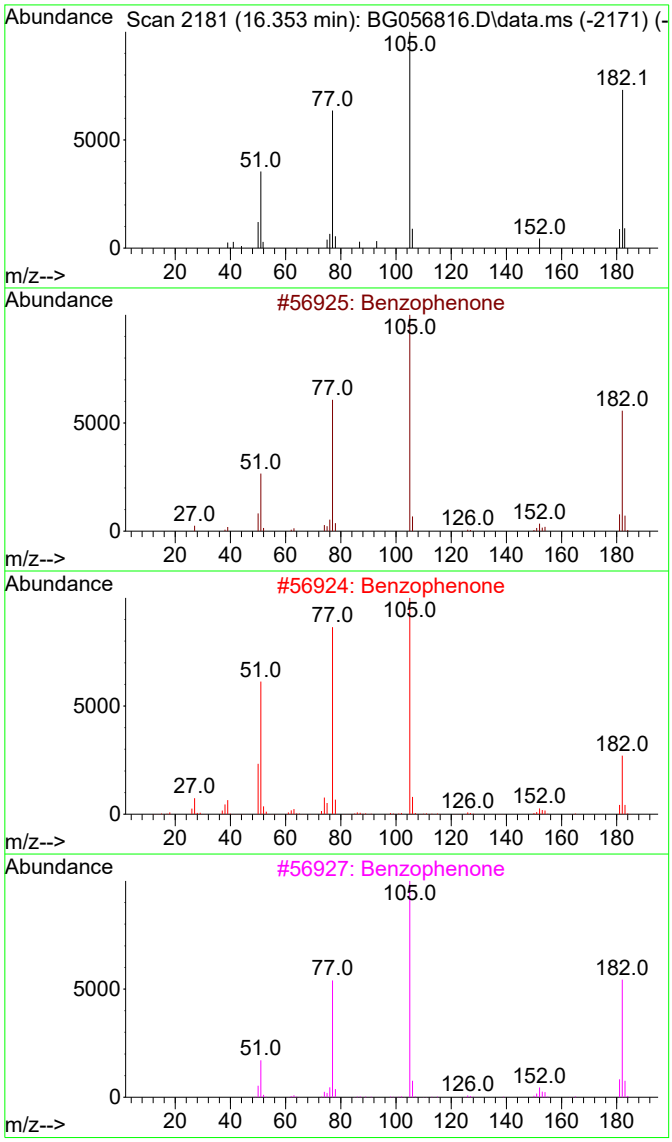
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

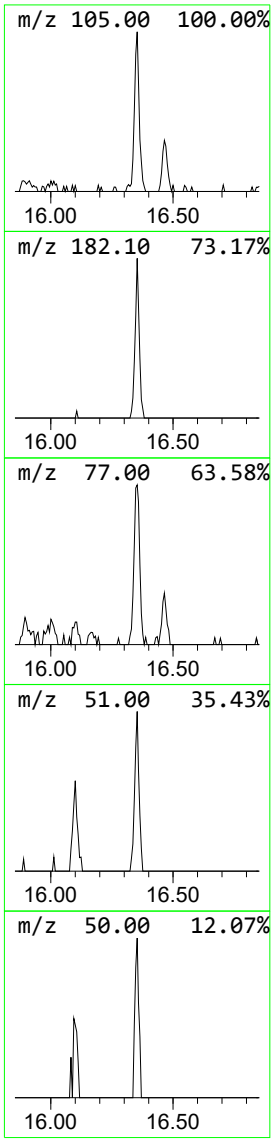
**********

Peak Number 8 Benzophenone Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.353 | 2.55 ng/ul | 30153 | Acenaphthene-d10 | 15.019 |

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



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Data File : BG056816.D
Acq On : 3 Mar 2023 23:20
Operator : CG/JU
Sample : 01711-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBAC3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

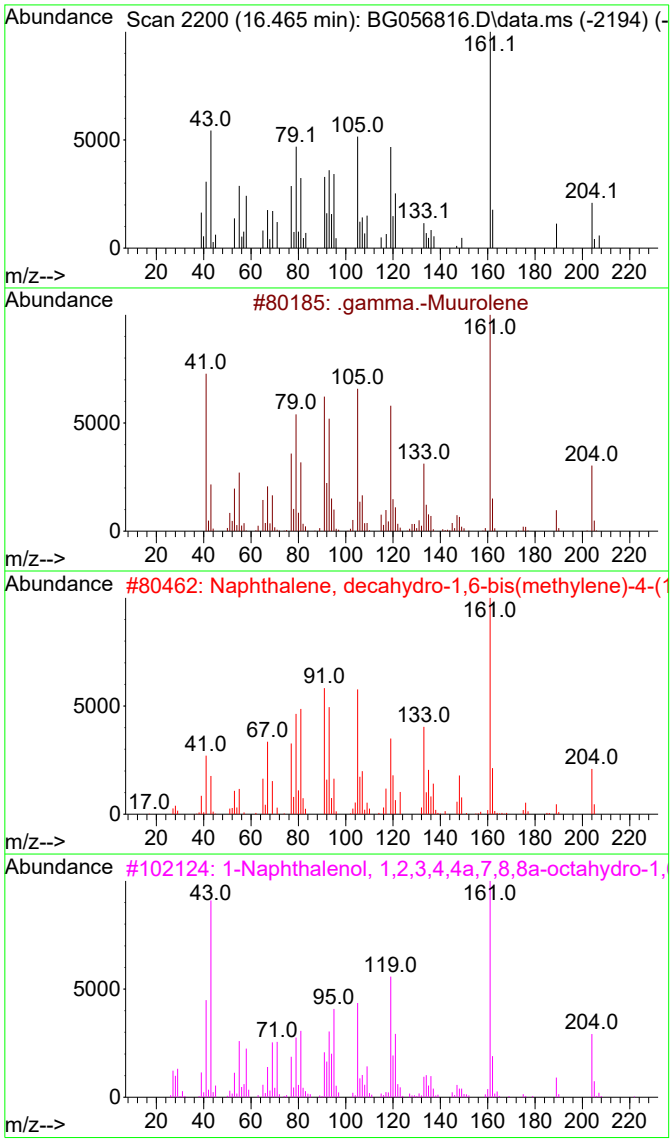
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

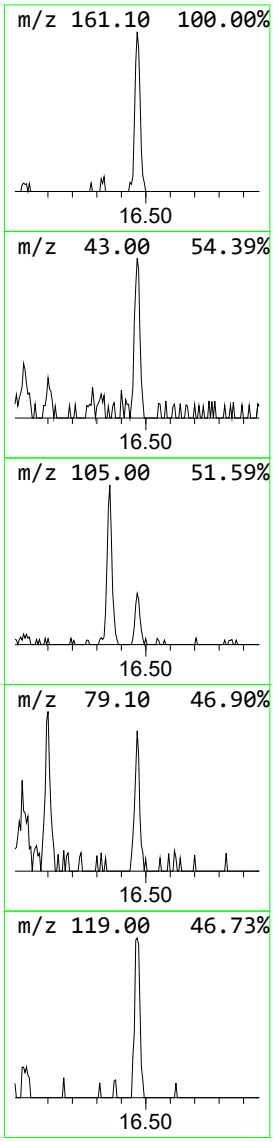
**********

Peak Number 9 .gamma.-Muurolene Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.465 | 3.11 ng/ul | 49756 | Phenanthrene-d10 | 17.751 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | .gamma.-Muurolene | 204 | C15H24 | 030021-74-0 | 90 |
| 2 | Naphthalene, decahydro-1,6-bis(m... | 204 | C15H24 | 030021-46-6 | 89 |
| 3 | 1-Naphthalenol, 1,2,3,4,4a,7,8,8... | 222 | C15H26O | 019435-97-3 | 87 |
| 4 | 1-Naphthalenol, 1,2,3,4,4a,7,8,8... | 222 | C15H26O | 019435-97-3 | 87 |
| 5 | (1R,2S,6S,7S,8S)-8-Isopropyl-1-m... | 204 | C15H24 | 018252-44-3 | 86 |



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Acq On : 3 Mar 2023 23:20
Operator : CG/JU
Sample : 01711-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBAC3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

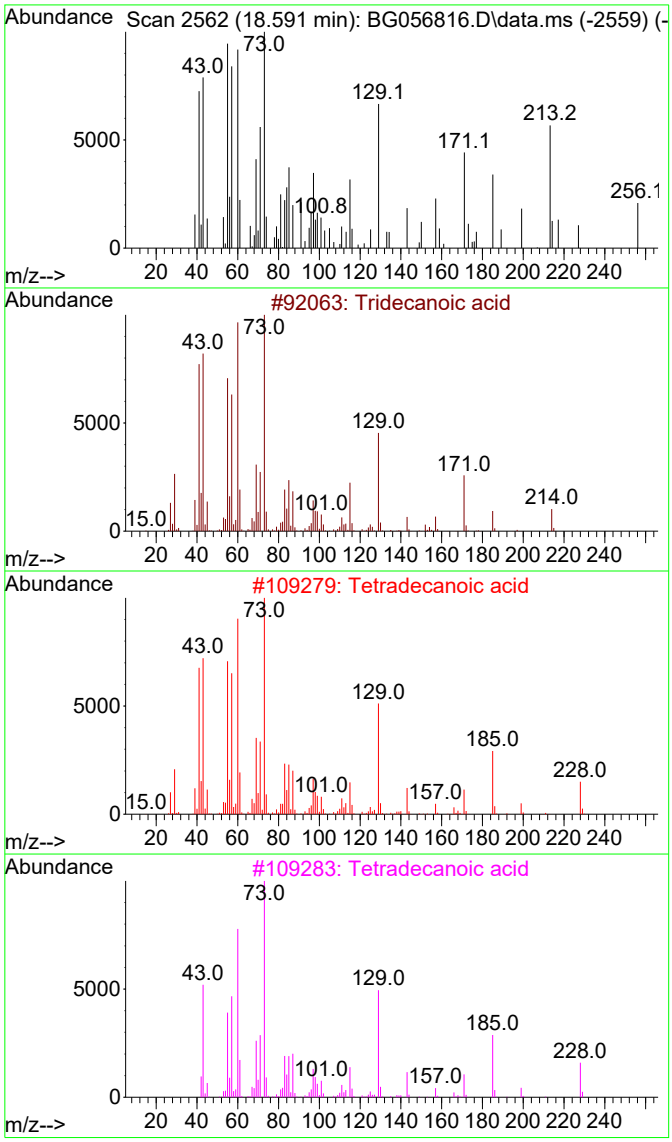
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

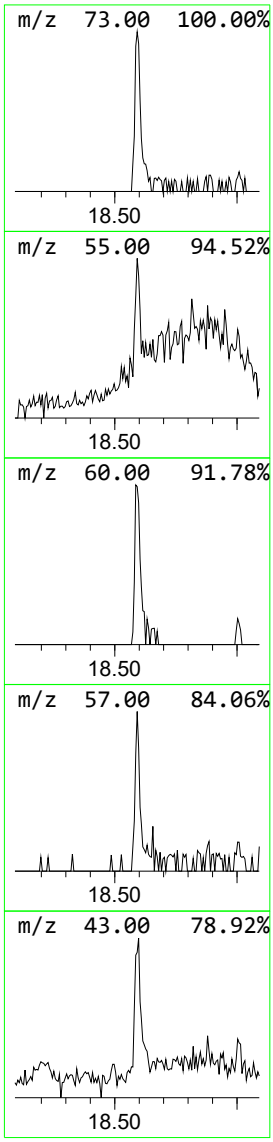
**********

Peak Number 10 Tridecanoic acid Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.592 | 2.60 ng/ul | 41523 | Phenanthrene-d10 | 17.751 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 60 |
| 2 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 47 |
| 3 | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 47 |
| 4 | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 46 |
| 5 | Tridecanoic acid | 214 | C13H26O2 | 000638-53-9 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056816.D
Acq On : 3 Mar 2023 23:20
Operator : CG/JU
Sample : 01711-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBAC3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

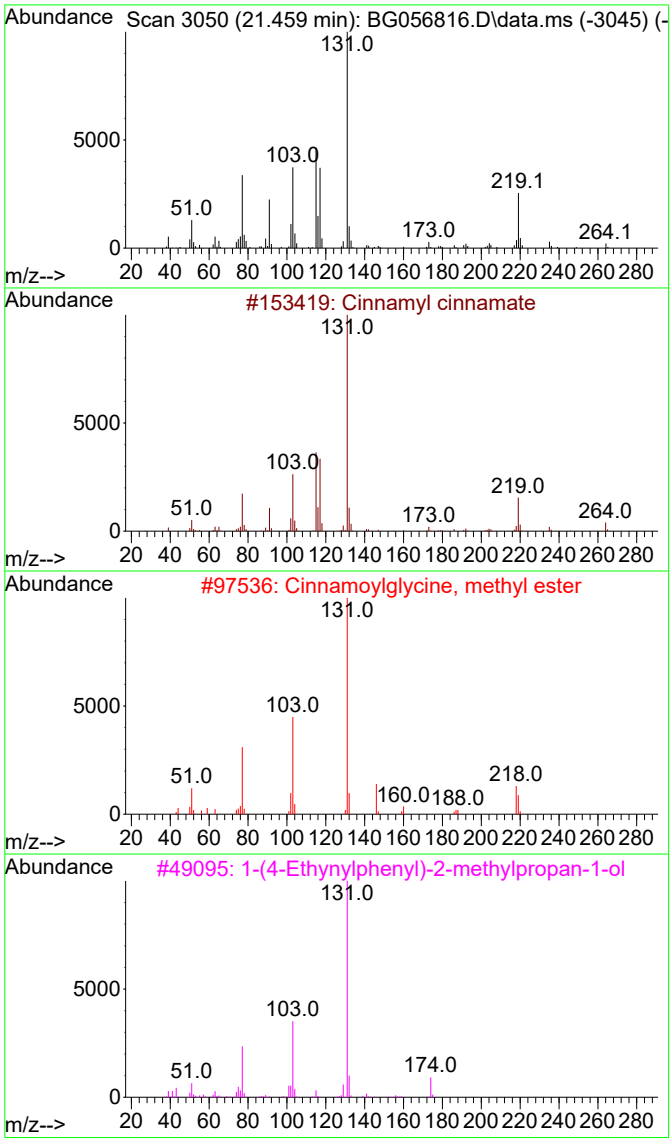
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

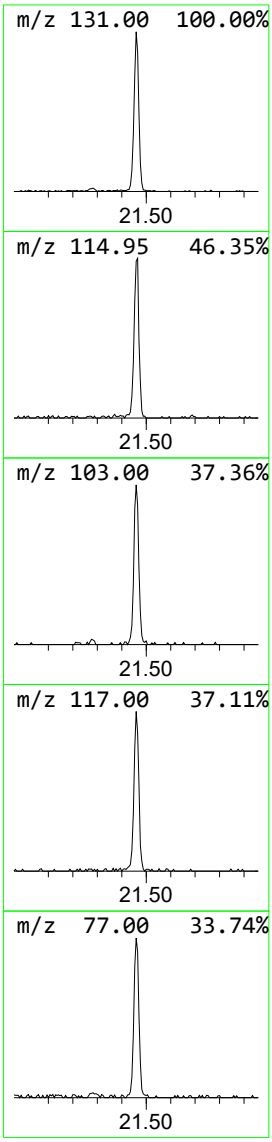
**********

Peak Number 11 Cinnamyl cinnamate Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.459 | 14.29 ng/ul | 238373 | Chrysene-d12 | 22.058 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cinnamyl cinnamate | 264 | C18H16O2 | 000122-69-0 | 91 |
| 2 | Cinnamoylglycine, methyl ester | 219 | C12H13NO3 | 040778-04-9 | 47 |
| 3 | 1-(4-Ethynylphenyl)-2-methylprop... | 174 | C12H14O | 1000466-39-4 | 47 |
| 4 | 3-Butenoic acid, 2-oxo-4-phenyl-... | 190 | C11H10O3 | 1000142-22-4 | 47 |
| 5 | Propanedioic acid, nitrile, hydr... | 229 | C12H11N3O2 | 294878-35-6 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056816.D
Acq On : 3 Mar 2023 23:20
Operator : CG/JU
Sample : 01711-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBAC3

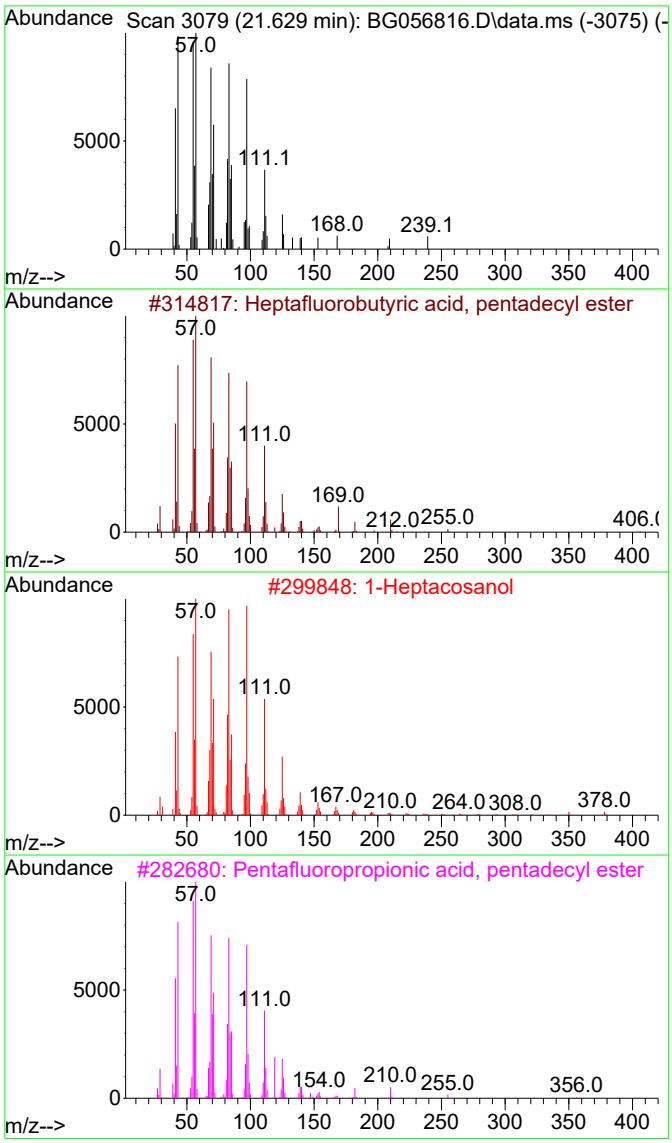
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

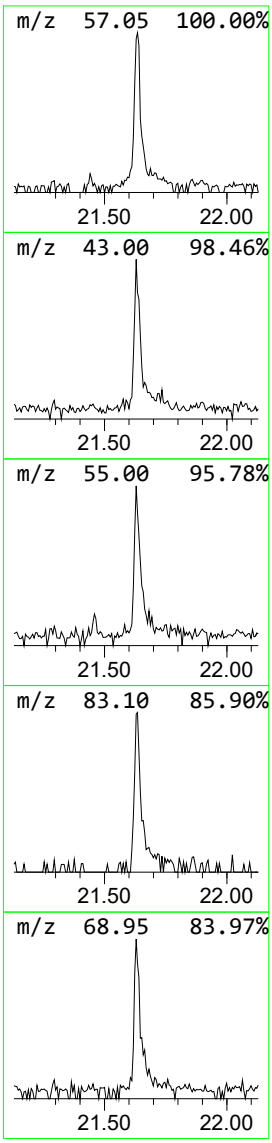
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 Heptafluorobutyric acid, pe... Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.629 | 4.53 ng/ul | 75487 | Chrysene-d12 | 22.058 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 91 |
| 2 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 91 |
| 3 | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 91 |
| 4 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 91 |
| 5 | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2 | 959010-23-2 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056816.D
Acq On : 3 Mar 2023 23:20
Operator : CG/JU
Sample : 01711-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBAC3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

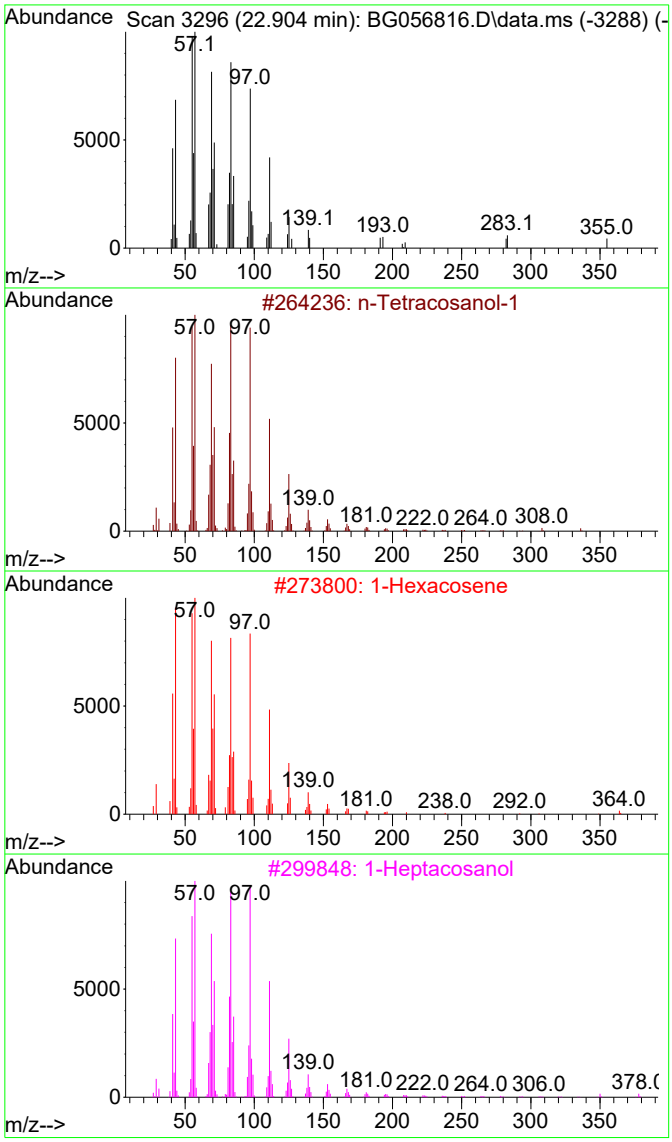
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

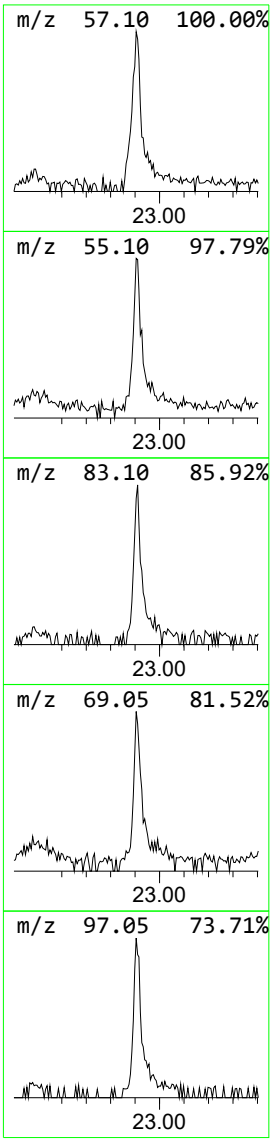
**********

Peak Number 13 n-Tetracosanol-1 Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 22.904 | 6.60 ng/ul | 110131 | Chrysene-d12 | 22.058 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94 |
| 2 | 1-Hexacosene | 364 | C26H52 | 018835-33-1 | 91 |
| 3 | 1-Heptacosanol | 396 | C27H56O | 002004-39-9 | 91 |
| 4 | 1-Heneicosyl formate | 340 | C22H44O2 | 077899-03-7 | 91 |
| 5 | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056816.D
Acq On : 3 Mar 2023 23:20
Operator : CG/JU
Sample : 01711-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBAC3

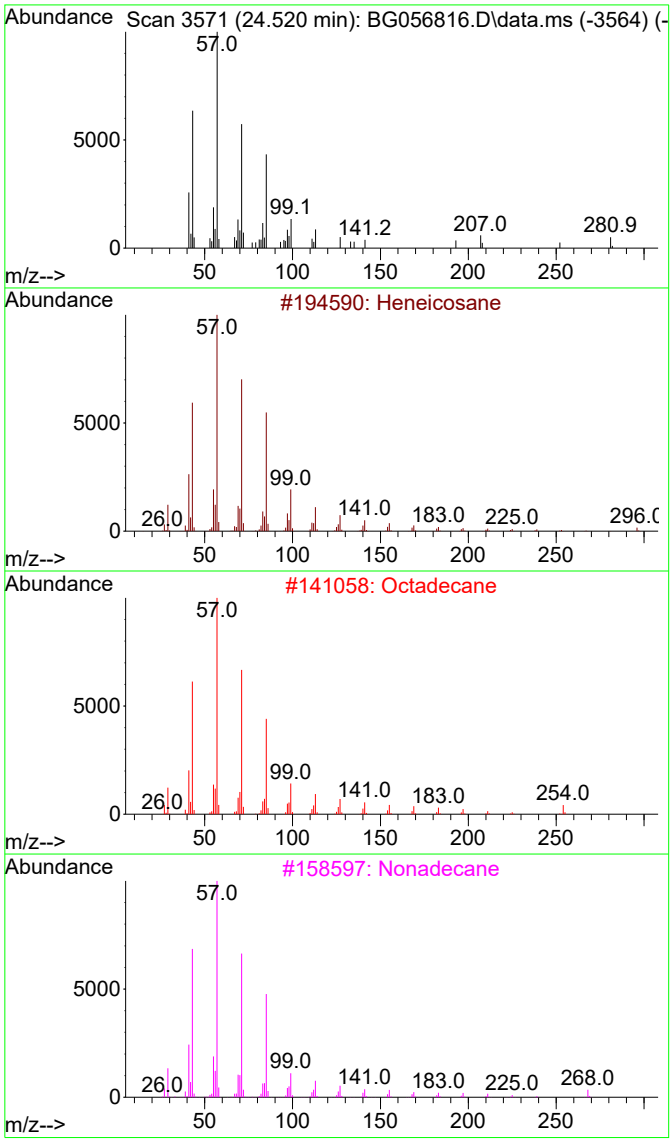
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

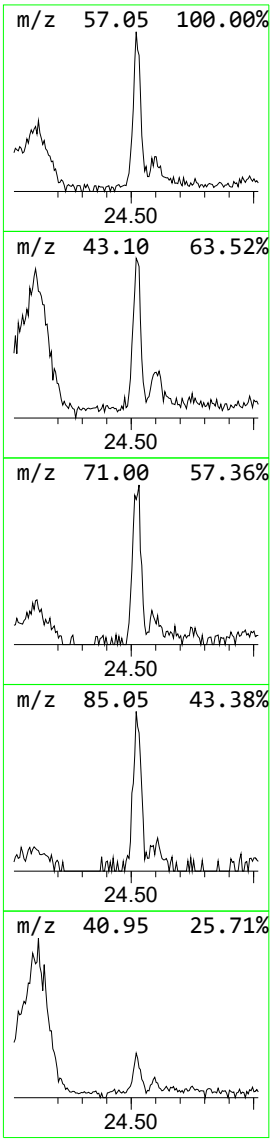
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 24.520 | 3.93 ng/ul | 67482 | Perylene-d12 | 25.583 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Heneicosane | 296 | C21H44 | 000629-94-7 | 74 |
| 2 | Octadecane | 254 | C18H38 | 000593-45-3 | 72 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 72 |
| 4 | Heptadecane | 240 | C17H36 | 000629-78-7 | 72 |
| 5 | Tridecane, 1-iodo- | 310 | C13H27I | 035599-77-0 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056816.D
Acq On : 3 Mar 2023 23:20
Operator : CG/JU
Sample : 01711-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBAC3

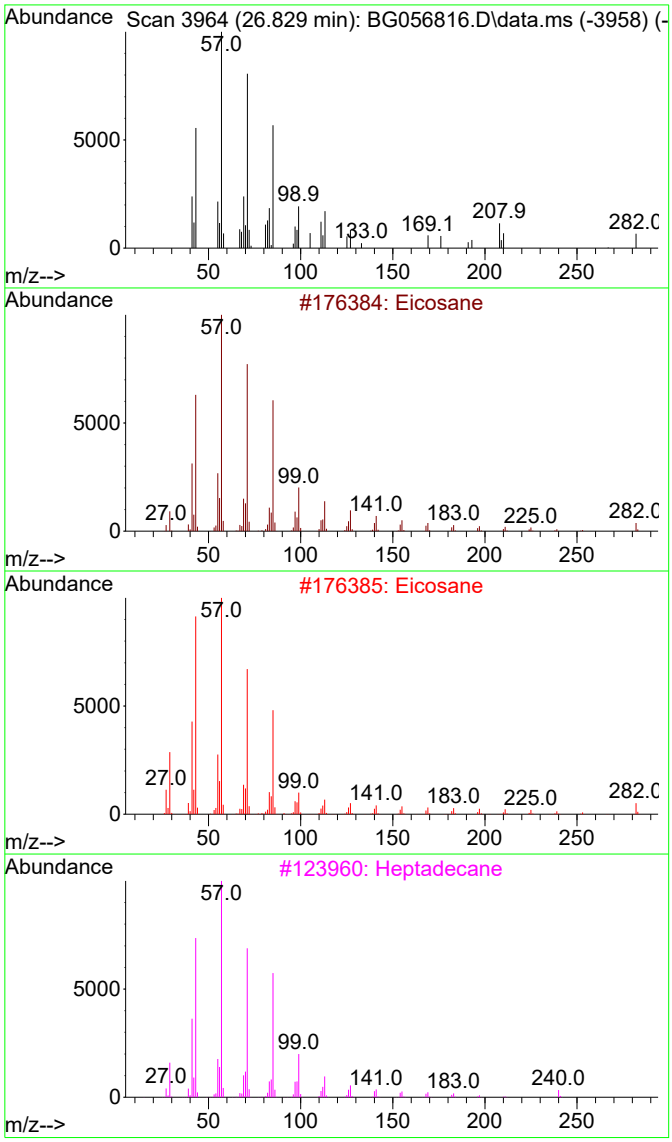
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION

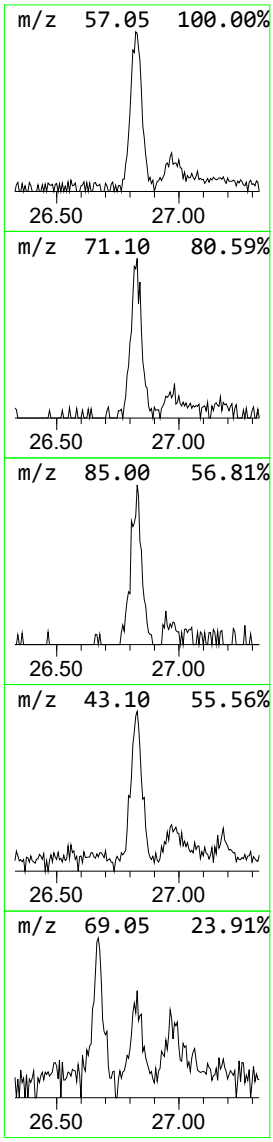
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 26.829 | 3.68 ng/ul | 63144 | Perylene-d12 | 25.583 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Eicosane | 282 | C20H42 | 000112-95-8 | 93 |
| 2 | Eicosane | 282 | C20H42 | 000112-95-8 | 81 |
| 3 | Heptadecane | 240 | C17H36 | 000629-78-7 | 80 |
| 4 | Hexacosane | 366 | C26H54 | 000630-01-3 | 72 |
| 5 | Heptacosane | 380 | C27H56 | 000593-49-7 | 72 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030323\
Data File : BG056816.D
Acq On : 3 Mar 2023 23:20
Operator : CG/JU
Sample : 01711-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
DBAC3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.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 |
| unknown-01 | 9.244 | 2.8 | ng/ul | 13515 | 1 | 8.415 | 95321 | 20.0 |
| Cyclohexane, 1-... | 13.891 | 3.0 | ng/ul | 35266 | 3 | 15.019 | 236752 | 20.0 |
| unknown-02 | 14.344 | 9.3 | ng/ul | 110120 | 3 | 15.019 | 236752 | 20.0 |
| 8,8,9,9-Tetrame... | 14.561 | 8.3 | ng/ul | 98726 | 3 | 15.019 | 236752 | 20.0 |
| 1H-Cyclopenta[1... | 14.849 | 2.1 | ng/ul | 25010 | 3 | 15.019 | 236752 | 20.0 |
| Caryophyllene | 15.372 | 16.3 | ng/ul | 192522 | 3 | 15.019 | 236752 | 20.0 |
| 7-Methylenebicy... | 15.895 | 2.3 | ng/ul | 27612 | 3 | 15.019 | 236752 | 20.0 |
| Benzophenone | 16.353 | 2.5 | ng/ul | 30153 | 3 | 15.019 | 236752 | 20.0 |
| .gamma.-Muurolene | 16.465 | 3.1 | ng/ul | 49756 | 4 | 17.751 | 319727 | 20.0 |
| Tridecanoic acid | 18.592 | 2.6 | ng/ul | 41523 | 4 | 17.751 | 319727 | 20.0 |
| Cinnamyl cinnamate | 21.459 | 14.3 | ng/ul | 238373 | 5 | 22.058 | 333606 | 20.0 |
| Heptafluorobuty... | 21.629 | 4.5 | ng/ul | 75487 | 5 | 22.058 | 333606 | 20.0 |
| n-Tetracosanol-1 | 22.904 | 6.6 | ng/ul | 110131 | 5 | 22.058 | 333606 | 20.0 |
| (DEL) Alkane: S... | 24.520 | 3.9 | ng/ul | 67482 | 6 | 25.583 | 343168 | 20.0 |
| (DEL) Alkane: S... | 26.829 | 3.7 | ng/ul | 63144 | 6 | 25.583 | 343168 | 20.0 |