LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051380.D
Acq On : 7 Dec 2021 12:10
Operator : CG/JU
Sample : M4942-08DL 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BGKR0DL

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-BG112321.M
Title : SVOA CALIBRATION

Signal : TIC: BG051380.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.966 | 77 | 81 | 93 | rBV | 14745 | 29269 | 2.61% | 0.340% |
| 2 | 5.652 | 362 | 368 | 375 | rBV | 34814 | 55923 | 4.99% | 0.649% |
| 3 | 5.787 | 384 | 391 | 402 | rBV | 96199 | 193240 | 17.24% | 2.244% |
| 4 | 6.169 | 447 | 456 | 462 | rVV2 | 32003 | 60726 | 5.42% | 0.705% |
| 5 | 7.138 | 617 | 621 | 626 | rVB2 | 16384 | 25239 | 2.25% | 0.293% |
| 6 | 7.191 | 626 | 630 | 635 | rVB3 | 7651 | 10536 | 0.94% | 0.122% |
| 7 | 7.256 | 635 | 641 | 646 | rBV | 27881 | 45250 | 4.04% | 0.526% |
| 8 | 7.309 | 646 | 650 | 654 | rBV2 | 19330 | 31047 | 2.77% | 0.361% |
| 9 | 7.356 | 654 | 658 | 662 | rBV | 37773 | 65467 | 5.84% | 0.760% |
| 10 | 7.503 | 673 | 683 | 689 | rBV | 38966 | 71278 | 6.36% | 0.828% |
| 11 | 7.561 | 689 | 693 | 699 | rVB | 14781 | 23241 | 2.07% | 0.270% |
| 12 | 7.720 | 711 | 720 | 725 | rVV | 47326 | 88264 | 7.88% | 1.025% |
| 13 | 7.773 | 725 | 729 | 733 | rVV | 43516 | 65959 | 5.89% | 0.766% |
| 14 | 7.820 | 733 | 737 | 745 | rVB | 82758 | 133983 | 11.96% | 1.556% |
| 15 | 8.131 | 785 | 790 | 794 | rVV2 | 11560 | 17668 | 1.58% | 0.205% |
| 16 | 8.190 | 794 | 800 | 811 | rVB | 111942 | 203534 | 18.16% | 2.364% |
| 17 | 8.296 | 811 | 818 | 824 | rBV | 27171 | 48885 | 4.36% | 0.568% |
| 18 | 8.560 | 856 | 863 | 870 | rVB | 80504 | 137579 | 12.28% | 1.598% |
| 19 | 8.690 | 877 | 885 | 887 | rBV7 | 7431 | 15475 | 1.38% | 0.180% |
| 20 | 8.819 | 901 | 907 | 914 | rBV3 | 20109 | 35830 | 3.20% | 0.416% |
| 21 | 8.907 | 916 | 922 | 931 | rVV2 | 57305 | 113861 | 10.16% | 1.322% |
| 22 | 9.283 | 982 | 986 | 993 | rVB4 | 10570 | 17582 | 1.57% | 0.204% |
| 23 | 9.383 | 995 | 1003 | 1010 | rBV2 | 66301 | 167511 | 14.95% | 1.945% |
| 24 | 9.541 | 1026 | 1030 | 1036 | rVB7 | 4995 | 9938 | 0.89% | 0.115% |
| 25 | 9.818 | 1069 | 1077 | 1081 | rVV4 | 6090 | 12680 | 1.13% | 0.147% |
| 26 | 9.882 | 1083 | 1088 | 1093 | rVV2 | 7591 | 14227 | 1.27% | 0.165% |
| 27 | 10.094 | 1118 | 1124 | 1134 | rVB2 | 43299 | 84114 | 7.51% | 0.977% |
| 28 | 10.247 | 1146 | 1150 | 1156 | rVB5 | 6394 | 10427 | 0.93% | 0.121% |
| 29 | 10.393 | 1170 | 1175 | 1181 | rBV4 | 10954 | 18440 | 1.65% | 0.214% |
| 30 | 10.646 | 1211 | 1218 | 1232 | rBV | 52135 | 104391 | 9.31% | 1.212% |
| 31 | 10.764 | 1232 | 1238 | 1246 | rBV2 | 11868 | 25619 | 2.29% | 0.298% |
| 32 | 10.946 | 1263 | 1269 | 1274 | rBV | 25143 | 39096 | 3.49% | 0.454% |
| 33 | 11.016 | 1274 | 1281 | 1286 | rVV | 158115 | 302174 | 26.96% | 3.509% |
| 34 | 11.069 | 1286 | 1290 | 1296 | rVV | 146057 | 253979 | 22.66% | 2.950% |
| 35 | 11.157 | 1296 | 1305 | 1317 | rVB2 | 50809 | 120100 | 10.72% | 1.395% |
| 36 | 11.986 | 1438 | 1446 | 1452 | rBV2 | 7722 | 12831 | 1.14% | 0.149% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051380.D
Acq On : 7 Dec 2021 12:10
Operator : CG/JU
Sample : M4942-08DL 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKR0DL

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-BG112321.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 12.379 | 1507 | 1513 | 1519 | rBV | 23779 | 37130 | 3.31% | 0.431% |
| 38 | 12.661 | 1555 | 1561 | 1569 | rBV | 76816 | 125127 | 11.17% | 1.453% |
| 39 | 12.879 | 1588 | 1598 | 1606 | rVB | 44796 | 78966 | 7.05% | 0.917% |
| 40 | 13.607 | 1715 | 1722 | 1726 | rBV | 36144 | 50144 | 4.47% | 0.582% |
| 41 | 13.654 | 1726 | 1730 | 1736 | rVV | 10601 | 18108 | 1.62% | 0.210% |
| 42 | 13.989 | 1782 | 1787 | 1788 | rBV2 | 7836 | 11863 | 1.06% | 0.138% |
| 43 | 14.142 | 1807 | 1813 | 1817 | rVV5 | 9705 | 17890 | 1.60% | 0.208% |
| 44 | 14.212 | 1817 | 1825 | 1831 | rVV | 116249 | 188231 | 16.80% | 2.186% |
| 45 | 14.259 | 1831 | 1833 | 1837 | rVV4 | 8243 | 10983 | 0.98% | 0.128% |
| 46 | 14.518 | 1871 | 1877 | 1886 | rVB | 122119 | 202982 | 18.11% | 2.357% |
| 47 | 14.677 | 1899 | 1904 | 1909 | rVB | 27876 | 37995 | 3.39% | 0.441% |
| 48 | 14.824 | 1920 | 1929 | 1936 | rVB | 247838 | 402528 | 35.92% | 4.675% |
| 49 | 15.064 | 1964 | 1970 | 1986 | rVV5 | 21452 | 54356 | 4.85% | 0.631% |
| 50 | 15.223 | 1991 | 1997 | 1998 | rBV5 | 6660 | 10720 | 0.96% | 0.125% |
| 51 | 15.288 | 2004 | 2008 | 2013 | rBV5 | 8713 | 11917 | 1.06% | 0.138% |
| 52 | 15.593 | 2055 | 2060 | 2062 | rVV5 | 6638 | 11583 | 1.03% | 0.135% |
| 53 | 15.623 | 2062 | 2065 | 2070 | rVB | 26687 | 34234 | 3.05% | 0.398% |
| 54 | 15.811 | 2089 | 2097 | 2104 | rBV2 | 181888 | 315085 | 28.11% | 3.659% |
| 55 | 15.963 | 2116 | 2123 | 2130 | rBV7 | 14506 | 33260 | 2.97% | 0.386% |
| 56 | 16.022 | 2130 | 2133 | 2138 | rVV4 | 9155 | 17287 | 1.54% | 0.201% |
| 57 | 16.069 | 2139 | 2141 | 2147 | rVB4 | 7088 | 11371 | 1.01% | 0.132% |
| 58 | 16.486 | 2207 | 2212 | 2218 | rBV2 | 27118 | 55954 | 4.99% | 0.650% |
| 59 | 16.621 | 2230 | 2235 | 2241 | rBV2 | 18279 | 32237 | 2.88% | 0.374% |
| 60 | 16.686 | 2241 | 2246 | 2252 | rVB3 | 20050 | 38424 | 3.43% | 0.446% |
| 61 | 16.751 | 2252 | 2257 | 2261 | rBV3 | 18103 | 33654 | 3.00% | 0.391% |
| 62 | 16.798 | 2261 | 2265 | 2270 | rVB5 | 7676 | 11261 | 1.00% | 0.131% |
| 63 | 16.950 | 2288 | 2291 | 2297 | rVB4 | 13155 | 20410 | 1.82% | 0.237% |
| 64 | 17.015 | 2297 | 2302 | 2305 | rBV | 11735 | 17176 | 1.53% | 0.199% |
| 65 | 17.091 | 2311 | 2315 | 2323 | rVB5 | 9172 | 22148 | 1.98% | 0.257% |
| 66 | 17.279 | 2343 | 2347 | 2351 | rVV | 22762 | 26616 | 2.37% | 0.309% |
| 67 | 17.326 | 2351 | 2355 | 2359 | rVV4 | 10105 | 14325 | 1.28% | 0.166% |
| 68 | 17.432 | 2369 | 2373 | 2378 | rVB3 | 9158 | 11887 | 1.06% | 0.138% |
| 69 | 17.573 | 2391 | 2397 | 2403 | rVV | 311194 | 462854 | 41.30% | 5.376% |
| 70 | 17.673 | 2408 | 2414 | 2421 | rBV2 | 187990 | 285907 | 25.51% | 3.321% |
| 71 | 18.014 | 2468 | 2472 | 2478 | rVB2 | 20614 | 29642 | 2.64% | 0.344% |
| 72 | 18.196 | 2500 | 2503 | 2508 | rVB5 | 11061 | 14076 | 1.26% | 0.163% |
| 73 | 18.460 | 2545 | 2548 | 2552 | rVV5 | 7527 | 13467 | 1.20% | 0.156% |
| 74 | 18.701 | 2586 | 2589 | 2593 | rVB2 | 15293 | 18231 | 1.63% | 0.212% |
| 75 | 18.983 | 2633 | 2637 | 2641 | rBV3 | 18918 | 27492 | 2.45% | 0.319% |
| 76 | 19.101 | 2653 | 2657 | 2661 | rVV6 | 9688 | 15529 | 1.39% | 0.180% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051380.D
Acq On : 7 Dec 2021 12:10
Operator : CG/JU
Sample : M4942-08DL 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKR0DL

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-BG112321.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 19.236 | 2674 | 2680 | 2683 | rVV8 | 6557 | 10640 | 0.95% | 0.124% |
| 78 | 19.324 | 2691 | 2695 | 2700 | rBV5 | 17950 | 25591 | 2.28% | 0.297% |
| 79 | 19.530 | 2726 | 2730 | 2736 | rVB5 | 25860 | 37879 | 3.38% | 0.440% |
| 80 | 19.818 | 2774 | 2779 | 2783 | rVB4 | 16198 | 25945 | 2.32% | 0.301% |
| 81 | 19.900 | 2790 | 2793 | 2796 | rVB | 11729 | 13156 | 1.17% | 0.153% |
| 82 | 19.953 | 2796 | 2802 | 2809 | rBV | 216118 | 322460 | 28.77% | 3.745% |
| 83 | 20.252 | 2850 | 2853 | 2858 | rVB | 7713 | 11517 | 1.03% | 0.134% |
| 84 | 20.435 | 2880 | 2884 | 2888 | rVB3 | 15336 | 18884 | 1.69% | 0.219% |
| 85 | 20.834 | 2950 | 2952 | 2955 | rVB2 | 9166 | 10007 | 0.89% | 0.116% |
| 86 | 20.928 | 2965 | 2968 | 2972 | rVB3 | 15252 | 16529 | 1.47% | 0.192% |
| 87 | 21.187 | 3009 | 3012 | 3020 | rVB3 | 15598 | 23499 | 2.10% | 0.273% |
| 88 | 21.451 | 3054 | 3057 | 3062 | rBV3 | 17020 | 23651 | 2.11% | 0.275% |
| 89 | 21.710 | 3095 | 3101 | 3112 | rVB | 794731 | 1120701 | 100.00% | 13.016% |
| 90 | 21.874 | 3120 | 3129 | 3135 | rBV2 | 249281 | 450273 | 40.18% | 5.229% |
| 91 | 22.015 | 3148 | 3153 | 3158 | rBV4 | 20697 | 36368 | 3.25% | 0.422% |
| 92 | 22.644 | 3256 | 3260 | 3266 | rVB3 | 15612 | 27983 | 2.50% | 0.325% |
| 93 | 22.979 | 3312 | 3317 | 3328 | rVB | 26511 | 69393 | 6.19% | 0.806% |
| 94 | 23.143 | 3341 | 3345 | 3350 | rVB5 | 16334 | 29276 | 2.61% | 0.340% |
| 95 | 23.366 | 3379 | 3383 | 3391 | rVB4 | 22317 | 42441 | 3.79% | 0.493% |
| 96 | 24.213 | 3522 | 3527 | 3533 | rVB3 | 17750 | 36077 | 3.22% | 0.419% |
| 97 | 24.618 | 3590 | 3596 | 3600 | rBV2 | 18528 | 40591 | 3.62% | 0.471% |
| 98 | 25.035 | 3659 | 3667 | 3678 | rVB2 | 87617 | 260811 | 23.27% | 3.029% |
| 99 | 25.200 | 3690 | 3695 | 3698 | rBV5 | 15131 | 32810 | 2.93% | 0.381% |
| 100 | 25.276 | 3700 | 3708 | 3719 | rVB2 | 139035 | 425446 | 37.96% | 4.941% |

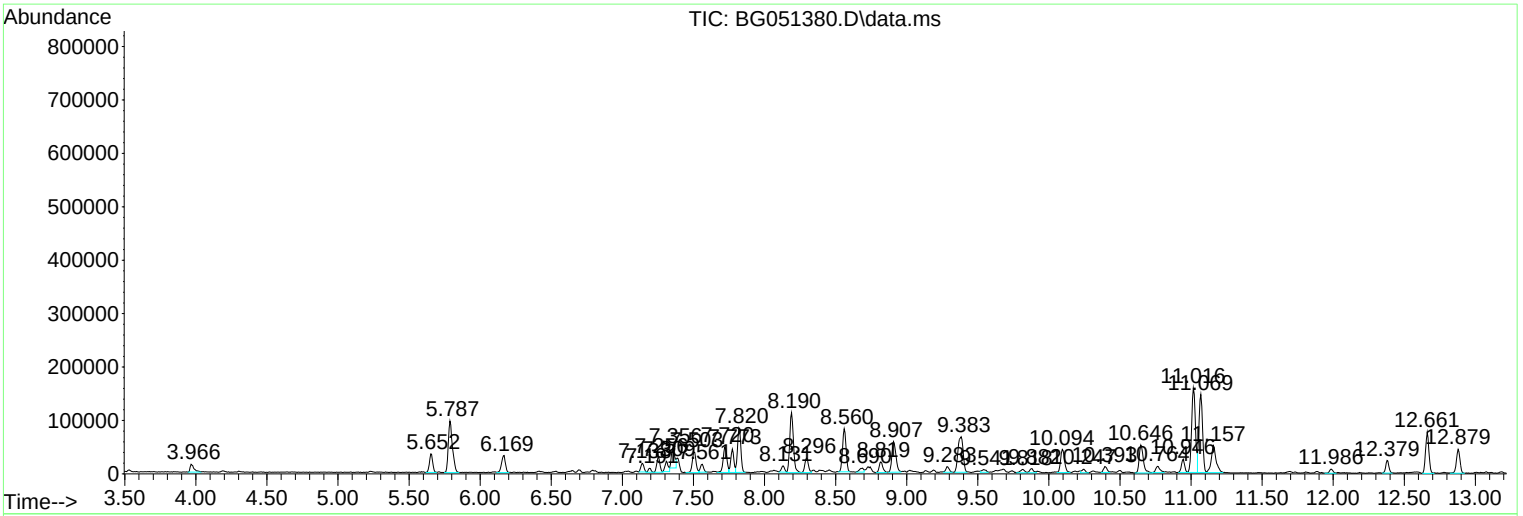
Sum of corrected areas: 8610341

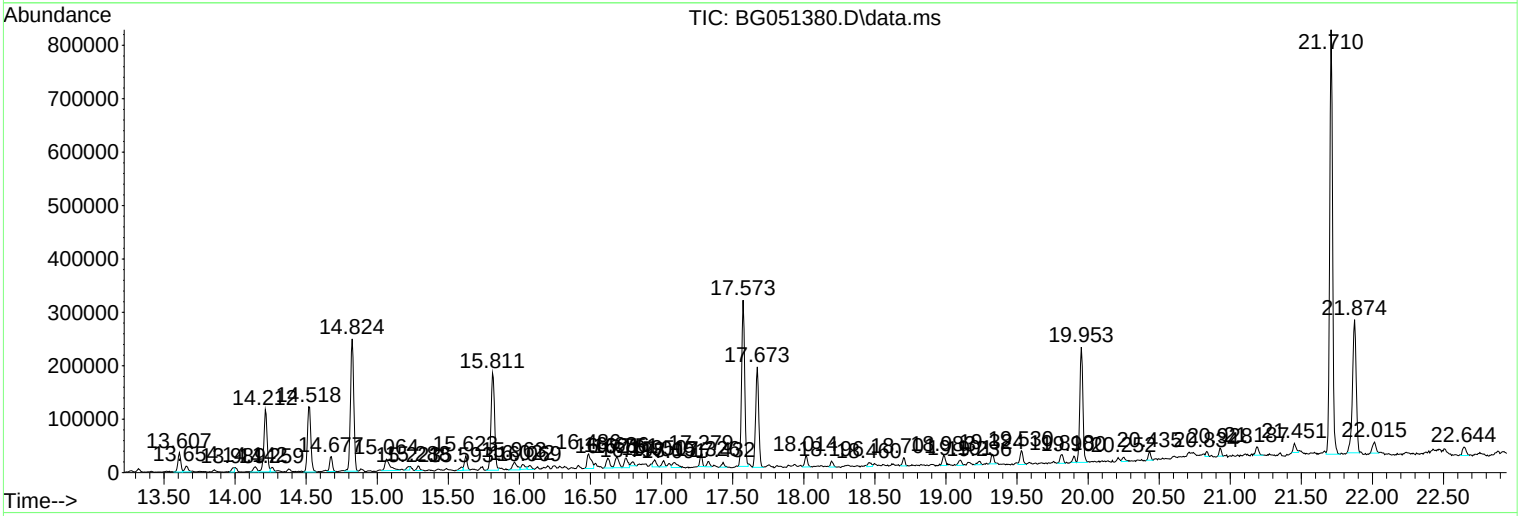
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051380.D
Acq On : 7 Dec 2021 12:10
Operator : CG/JU
Sample : M4942-08DL 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

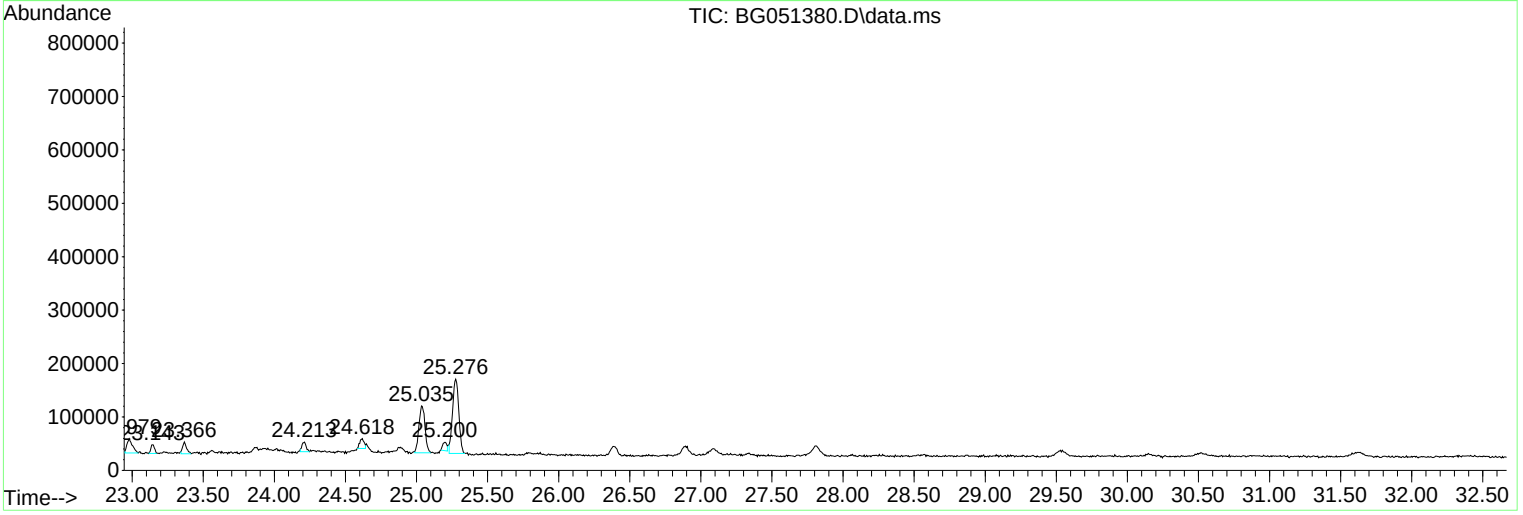
**Instrument :**
BNA_G
**ClientSampleId :**
BGKR0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051380.D
Acq On : 7 Dec 2021 12:10
Operator : CG/JU
Sample : M4942-08DL 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKR0DL

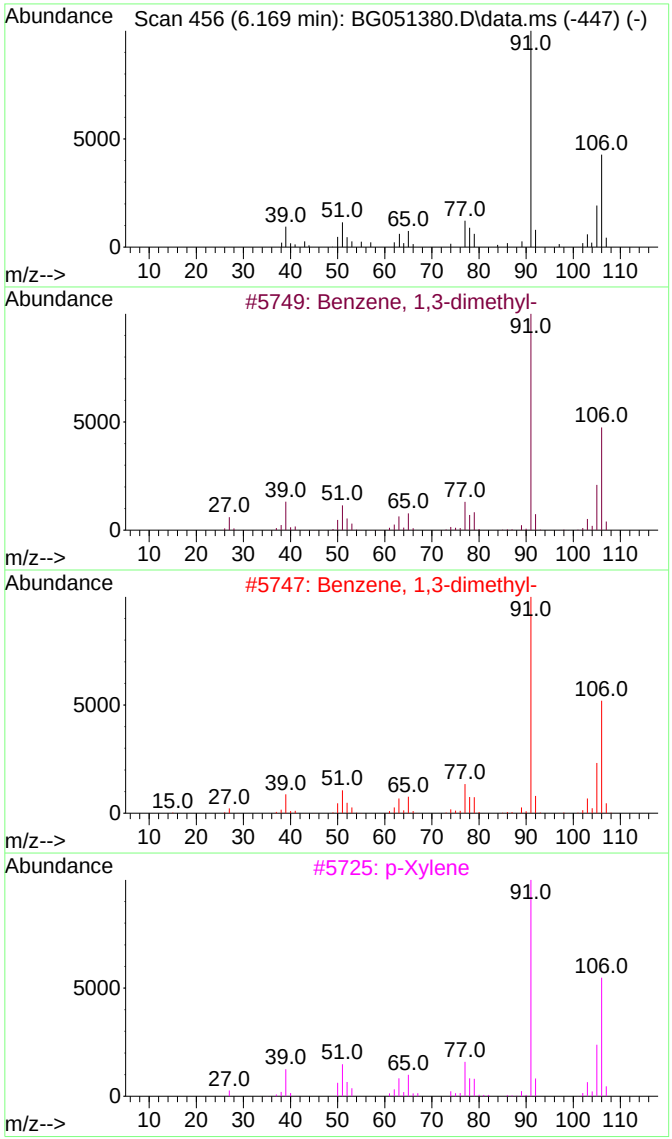
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

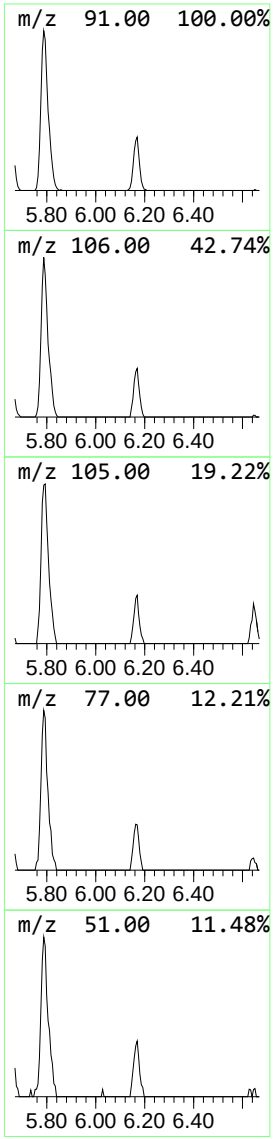
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.169 | 5.97 ng/ul | 60726 | 1,4-Dichlorobenzene-d4 | 8.190 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 97 |
| 2 | Benzene, 1,3-dimethyl- | 106 | C8H10 | 000108-38-3 | 95 |
| 3 | p-Xylene | 106 | C8H10 | 000106-42-3 | 95 |
| 4 | o-Xylene | 106 | C8H10 | 000095-47-6 | 95 |
| 5 | o-Xylene | 106 | C8H10 | 000095-47-6 | 95 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051380.D
Acq On : 7 Dec 2021 12:10
Operator : CG/JU
Sample : M4942-08DL 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKR0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

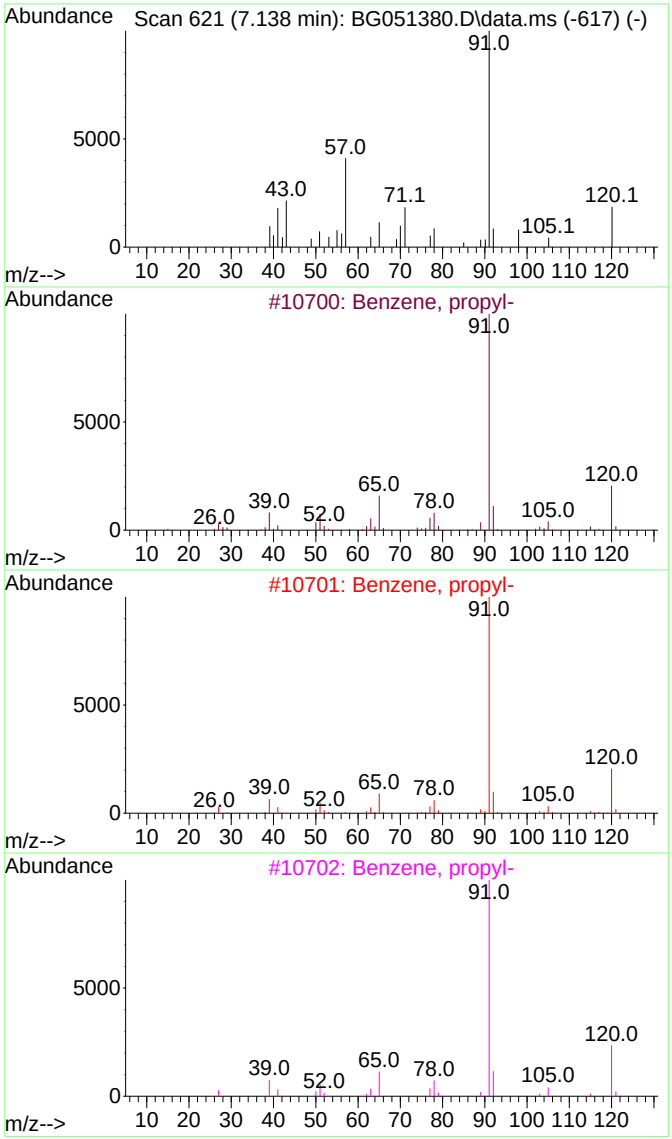
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

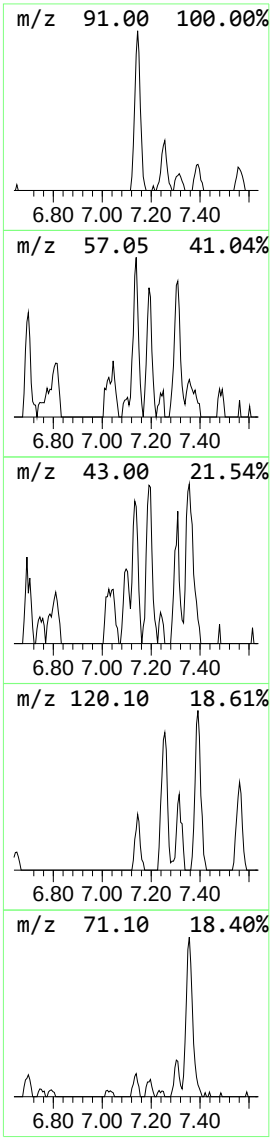
**********

Peak Number 4 unknown-01 Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.138 | 2.48 ng/ul | 25239 | 1,4-Dichlorobenzene-d4 | 8.190 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 45 |
| 2 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 45 |
| 3 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 43 |
| 4 | Benzene, propyl- | 120 | C9H12 | 000103-65-1 | 38 |
| 5 | Propanenitrile, 3-[(phenylmethyl... | 160 | C10H12N2 | 000706-03-6 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051380.D
Acq On : 7 Dec 2021 12:10
Operator : CG/JU
Sample : M4942-08DL 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKR0DL

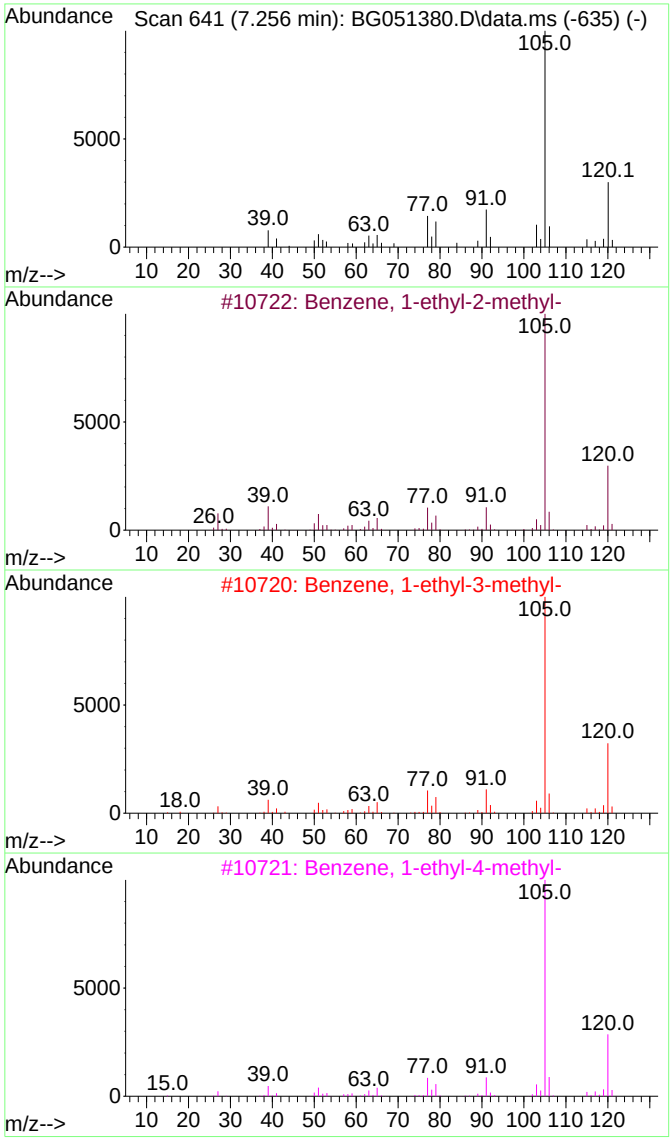
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

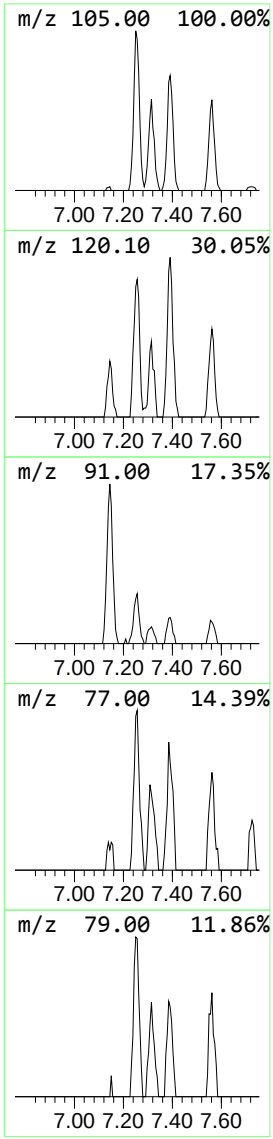
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.256 | 4.45 ng/ul | 45250 | 1,4-Dichlorobenzene-d4 | 8.190 |

| 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 | 94 |
| 3 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 5 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051380.D
Acq On : 7 Dec 2021 12:10
Operator : CG/JU
Sample : M4942-08DL 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKR0DL

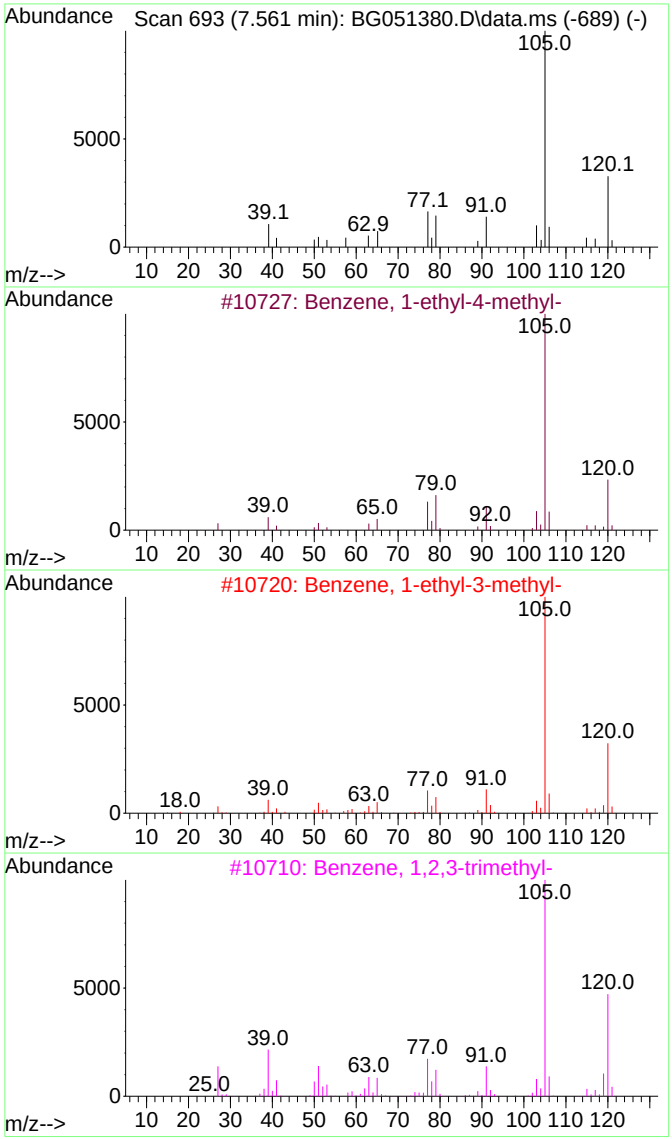
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

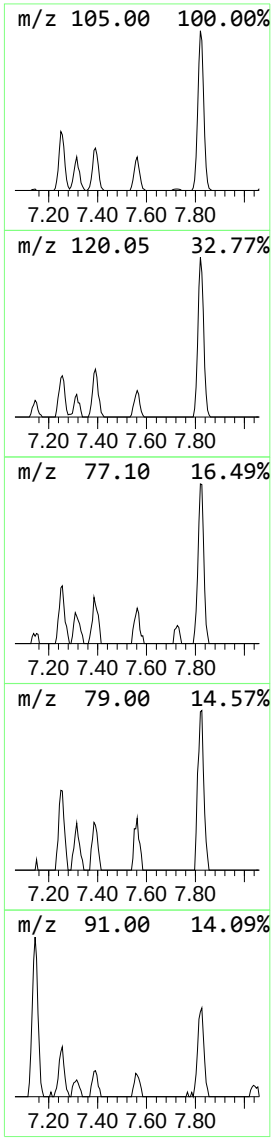
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 Benzene, 1-ethyl-4-methyl- Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.561 | 2.28 ng/ul | 23241 | 1,4-Dichlorobenzene-d4 | 8.190 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 91 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 91 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 4 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 5 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051380.D
Acq On : 7 Dec 2021 12:10
Operator : CG/JU
Sample : M4942-08DL 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKR0DL

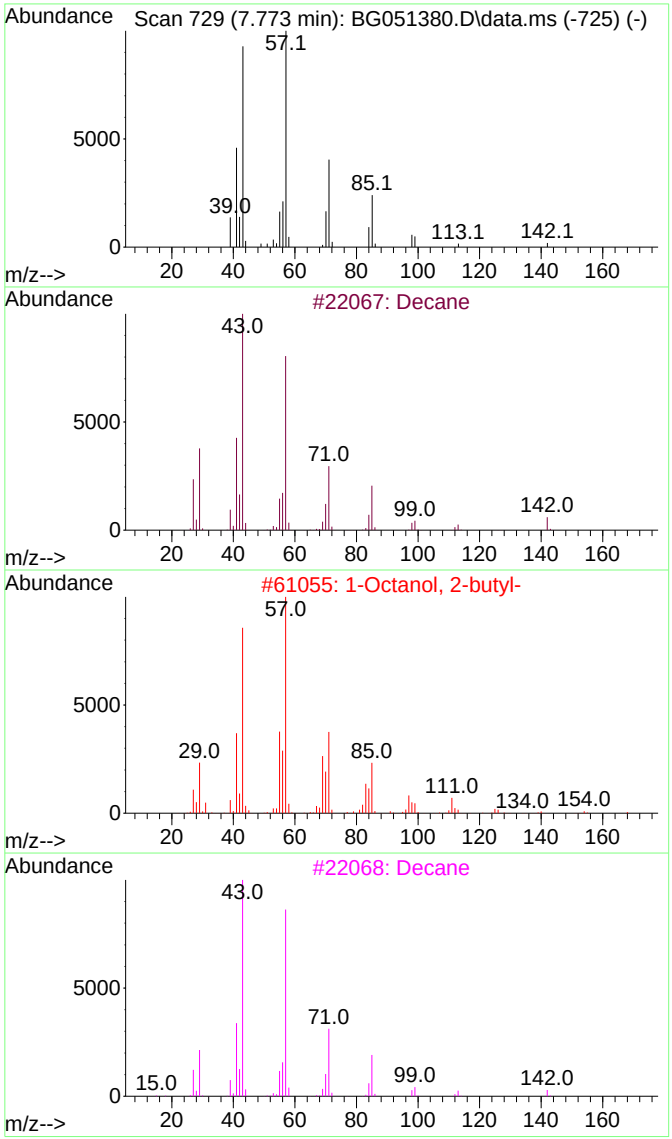
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

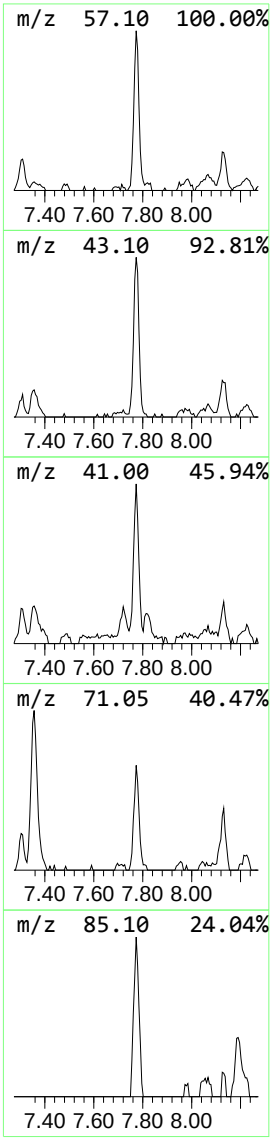
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.773 | 6.48 ng/ul | 65959 | 1,4-Dichlorobenzene-d4 | 8.190 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane | 142 | C10H22 | 000124-18-5 | 83 |
| 2 | 1-Octanol, 2-butyl- | 186 | C12H26O | 003913-02-8 | 83 |
| 3 | Decane | 142 | C10H22 | 000124-18-5 | 83 |
| 4 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 72 |
| 5 | Heptane, 2,4-dimethyl- | 128 | C9H20 | 002213-23-2 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051380.D
Acq On : 7 Dec 2021 12:10
Operator : CG/JU
Sample : M4942-08DL 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKR0DL

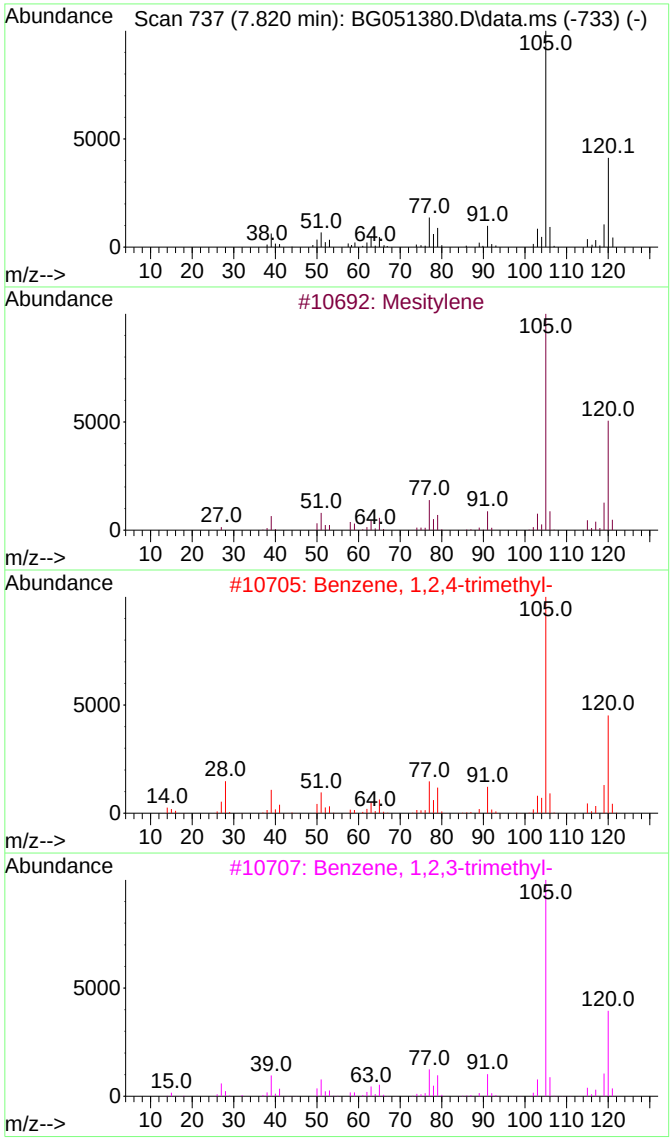
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

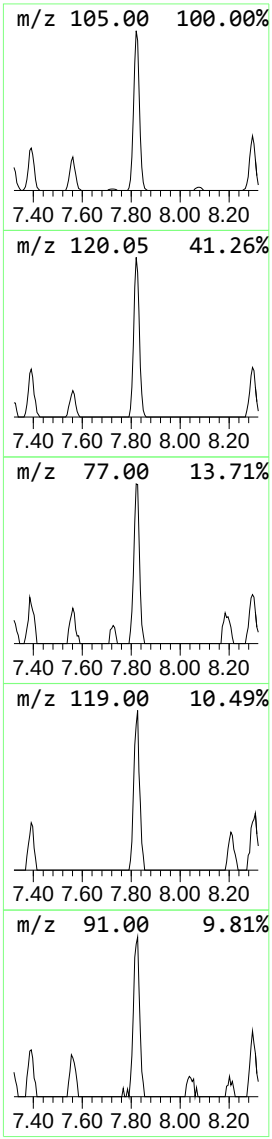
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 Mesitylene Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.820 | 13.17 ng/ul | 133983 | 1,4-Dichlorobenzene-d4 | 8.190 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Mesitylene | 120 | C9H12 | 000108-67-8 | 97 |
| 2 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 97 |
| 3 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 95 |
| 4 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 94 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051380.D
Acq On : 7 Dec 2021 12:10
Operator : CG/JU
Sample : M4942-08DL 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKR0DL

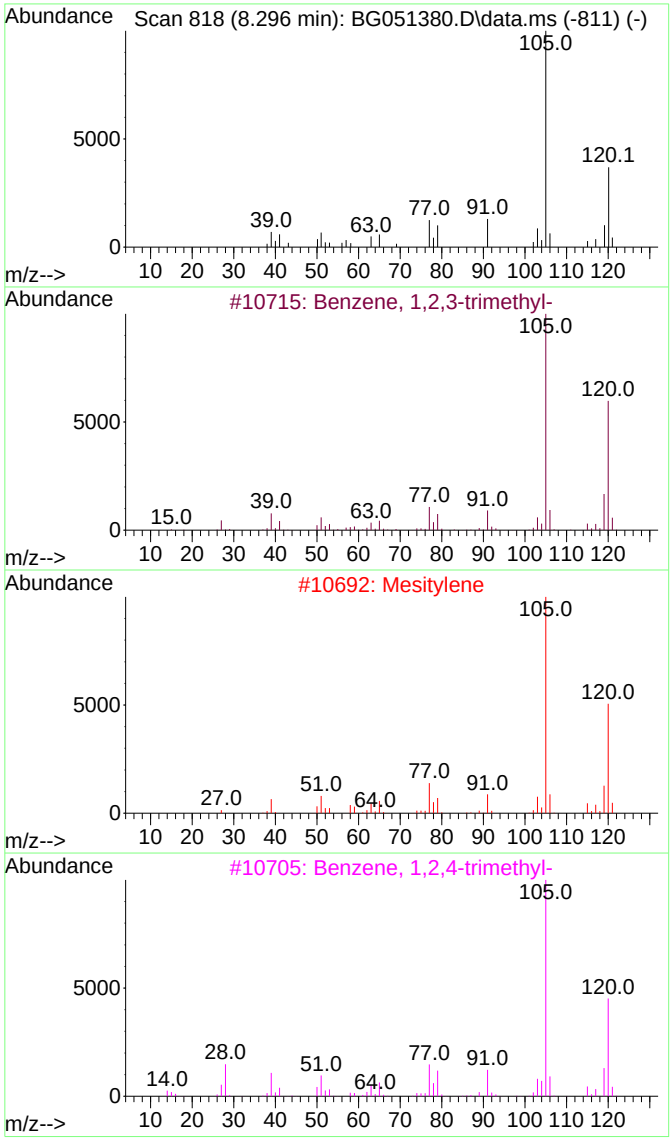
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

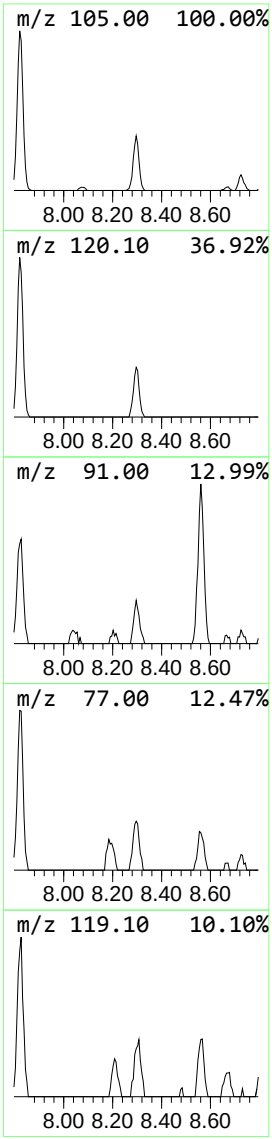
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.296 | 4.80 ng/ul | 48885 | 1,4-Dichlorobenzene-d4 | 8.190 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 91 |
| 2 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 3 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 91 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051380.D
Acq On : 7 Dec 2021 12:10
Operator : CG/JU
Sample : M4942-08DL 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKR0DL

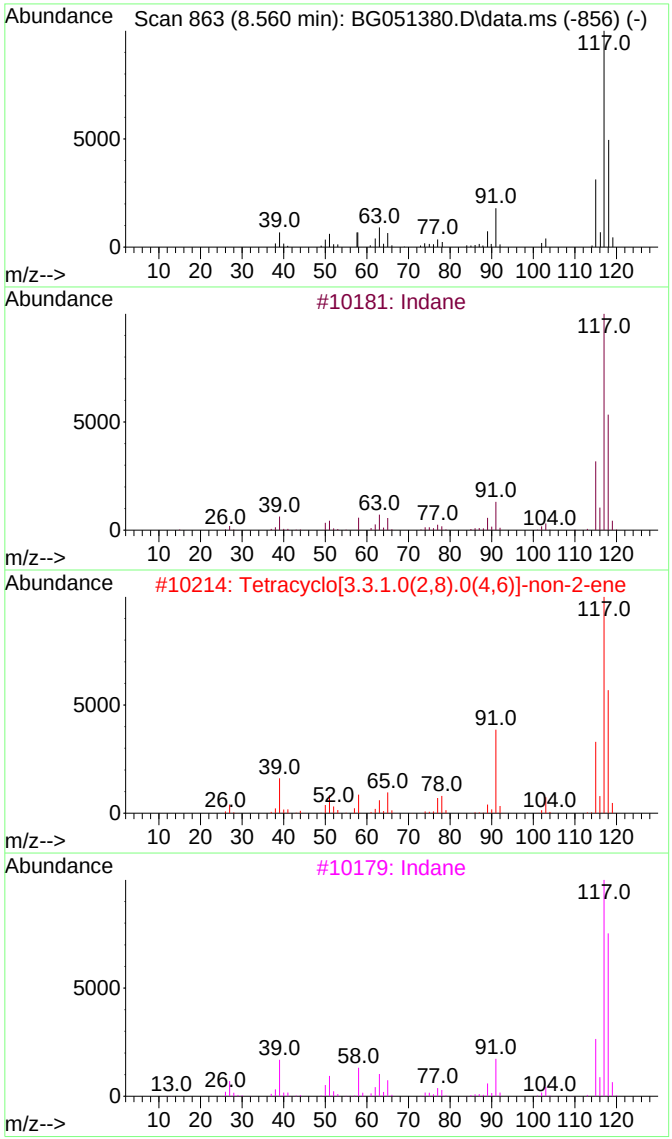
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

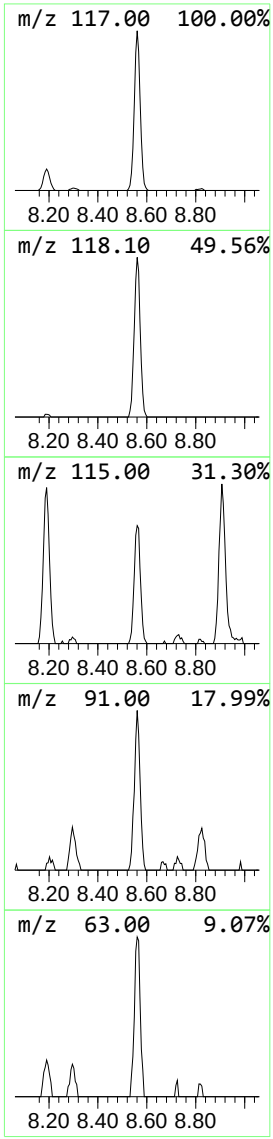
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 Indane Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.560 | 13.52 ng/ul | 137579 | 1,4-Dichlorobenzene-d4 | 8.190 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Indane | 118 | C9H10 | 000496-11-7 | 91 |
| 2 | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10 | 1000191-13-7 | 80 |
| 3 | Indane | 118 | C9H10 | 000496-11-7 | 64 |
| 4 | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10 | 000611-15-4 | 60 |
| 5 | Indane | 118 | C9H10 | 000496-11-7 | 60 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051380.D
Acq On : 7 Dec 2021 12:10
Operator : CG/JU
Sample : M4942-08DL 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKR0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

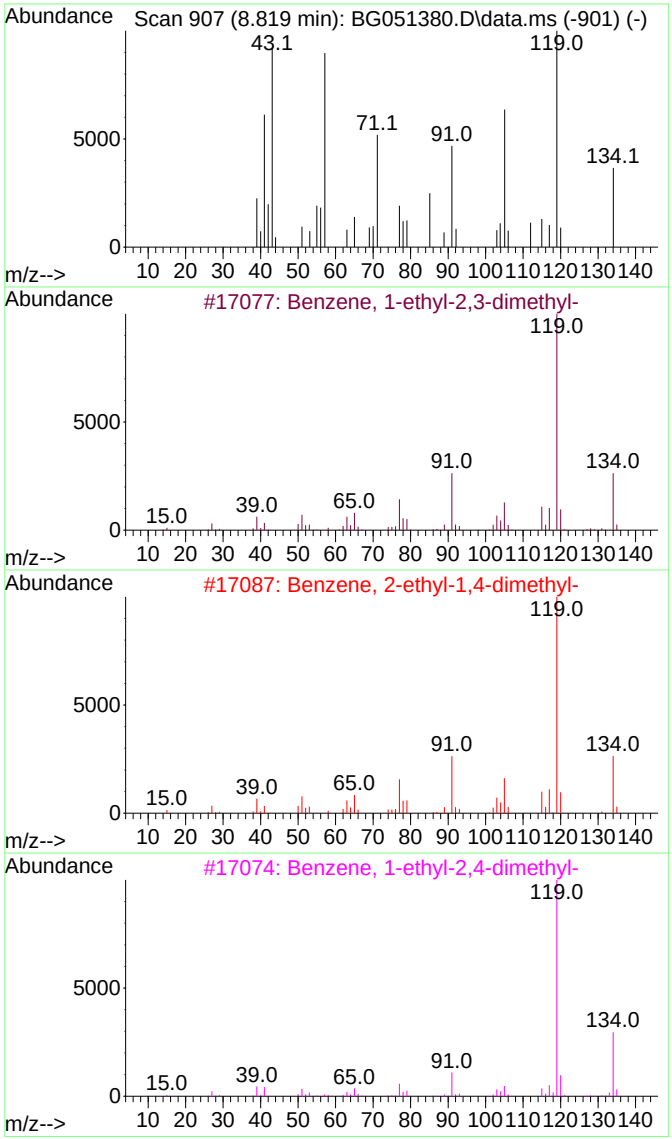
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

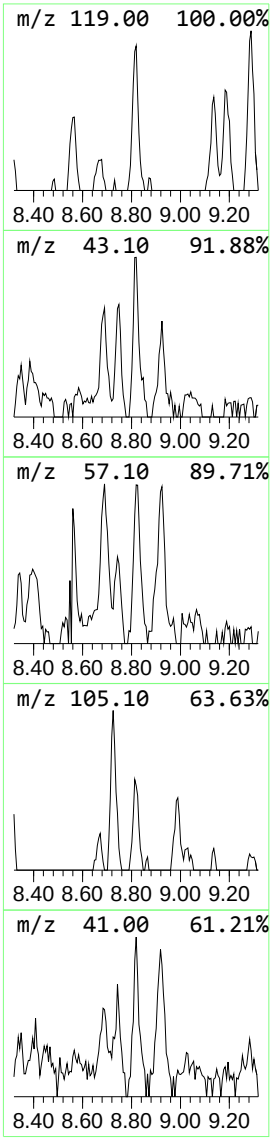
**********

Peak Number 11 unknown-02 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.819 | 3.52 ng/ul | 35830 | 1,4-Dichlorobenzene-d4 | 8.190 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14 | 000933-98-2 | 49 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 49 |
| 3 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 49 |
| 4 | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14 | 002870-04-4 | 49 |
| 5 | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14 | 000934-80-5 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051380.D
Acq On : 7 Dec 2021 12:10
Operator : CG/JU
Sample : M4942-08DL 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKR0DL

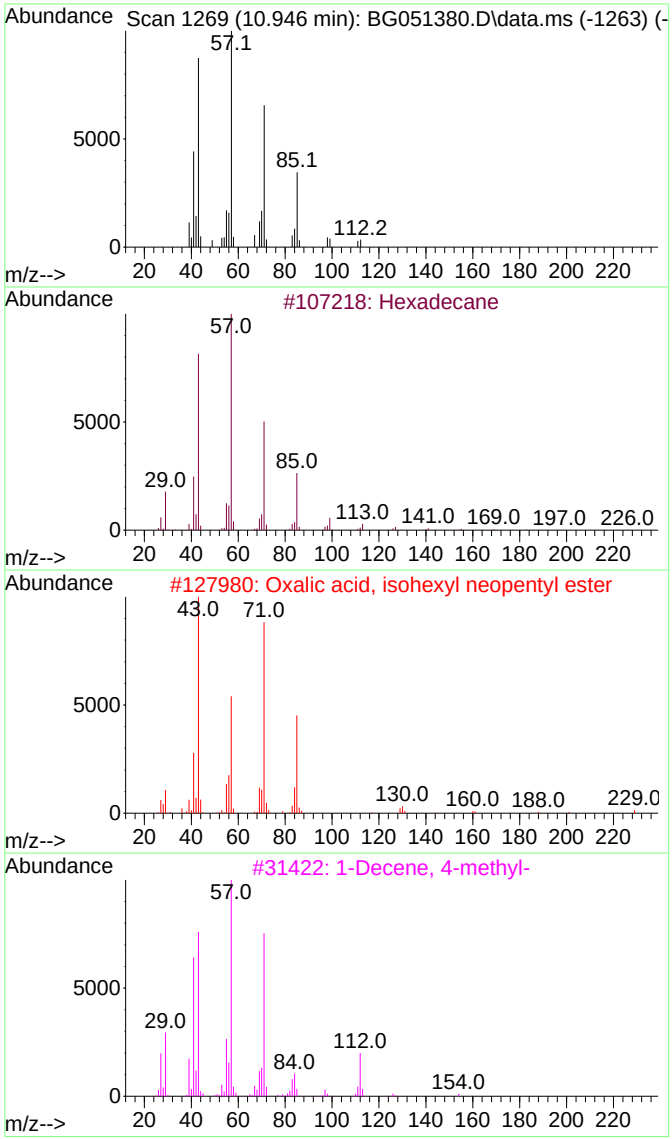
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

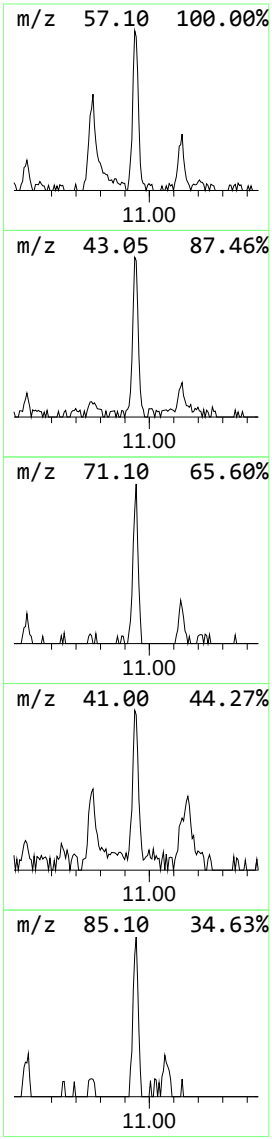
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.946 | 2.59 ng/ul | 39096 | Naphthalene-d8 | 11.016 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 72 |
| 2 | Oxalic acid, isohexyl neopentyl ... | 244 | C13H24O4 | 1000309-73-0 | 59 |
| 3 | 1-Decene, 4-methyl- | 154 | C11H22 | 013151-29-6 | 53 |
| 4 | Hexane, 2,4-dimethyl- | 114 | C8H18 | 000589-43-5 | 47 |
| 5 | Butanal, 4-[(tetrahydro-2H-pyran... | 172 | C9H16O3 | 054911-85-2 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051380.D
Acq On : 7 Dec 2021 12:10
Operator : CG/JU
Sample : M4942-08DL 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKR0DL

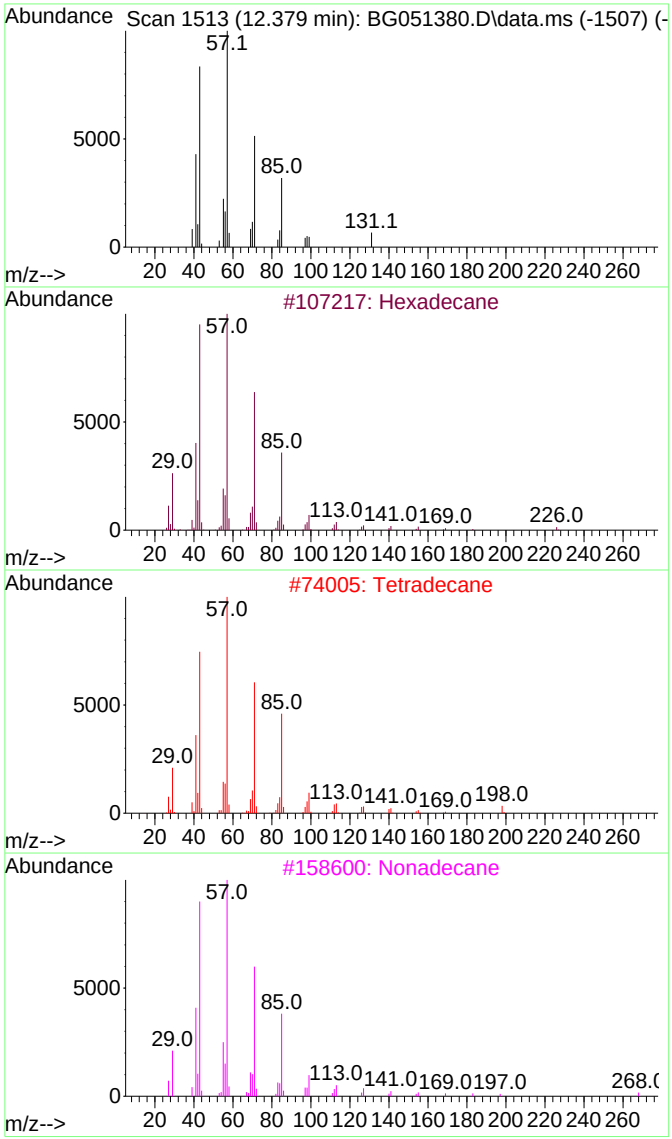
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

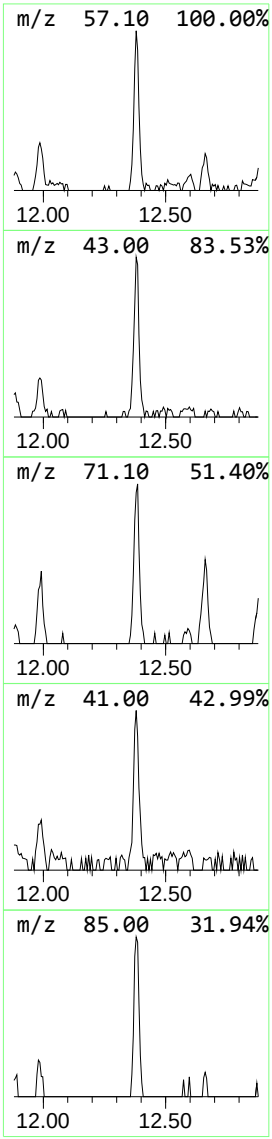
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.379 | 2.46 ng/ul | 37130 | Naphthalene-d8 | 11.016 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 78 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 78 |
| 3 | Nonadecane | 268 | C19H40 | 000629-92-5 | 78 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 78 |
| 5 | Heptadecane | 240 | C17H36 | 000629-78-7 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051380.D
Acq On : 7 Dec 2021 12:10
Operator : CG/JU
Sample : M4942-08DL 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKR0DL

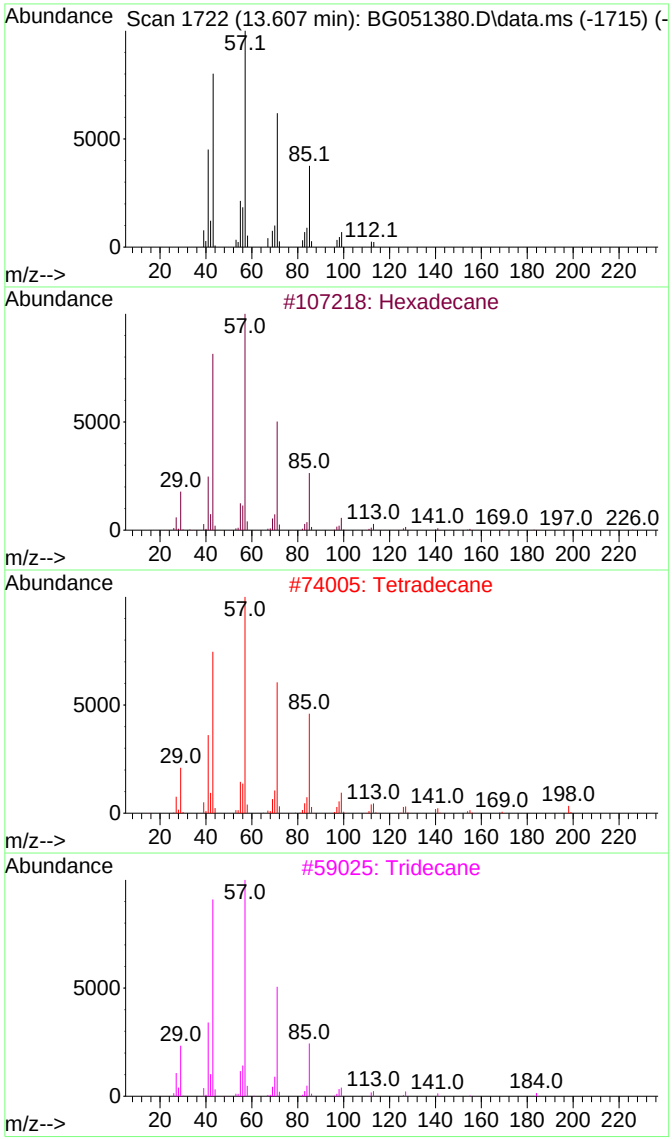
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

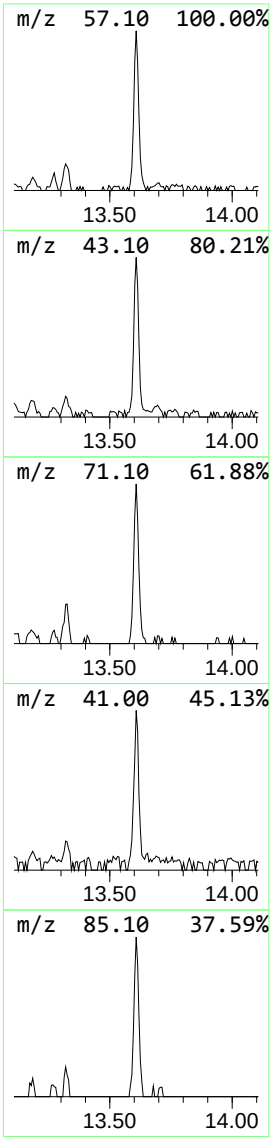
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.607 | 2.49 ng/ul | 50144 | Acenaphthene-d10 | 14.823 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 2 | Tetradecane | 198 | C14H30 | 000629-59-4 | 83 |
| 3 | Tridecane | 184 | C13H28 | 000629-50-5 | 78 |
| 4 | Tetradecane | 198 | C14H30 | 000629-59-4 | 78 |
| 5 | Decane | 142 | C10H22 | 000124-18-5 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051380.D
Acq On : 7 Dec 2021 12:10
Operator : CG/JU
Sample : M4942-08DL 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKR0DL

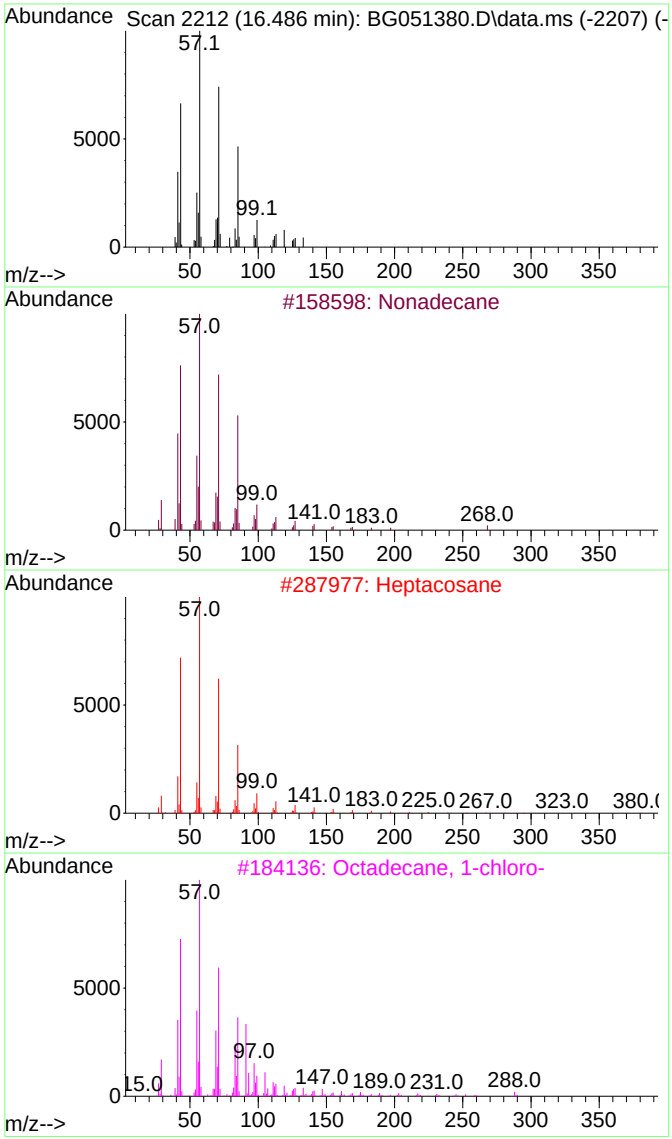
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

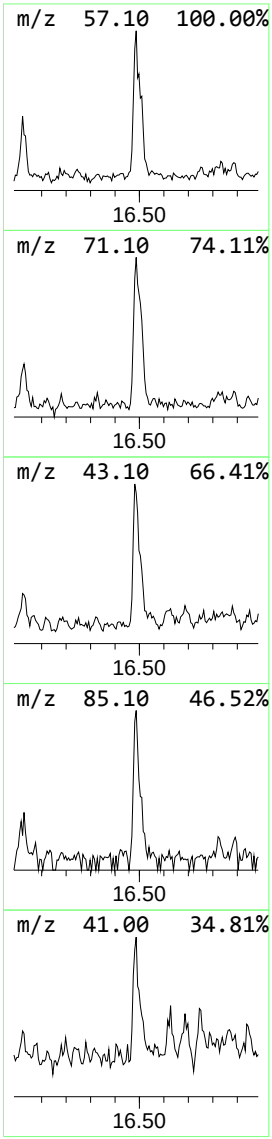
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 16.486 | 2.42 ng/ul | 55954 | Phenanthrene-d10 | 17.573 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonadecane | 268 | C19H40 | 000629-92-5 | 90 |
| 2 | Heptacosane | 380 | C27H56 | 000593-49-7 | 86 |
| 3 | Octadecane, 1-chloro- | 288 | C18H37Cl | 003386-33-2 | 83 |
| 4 | Nonadecane | 268 | C19H40 | 000629-92-5 | 80 |
| 5 | Pentadecane | 212 | C15H32 | 000629-62-9 | 72 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120621\
Data File : BG051380.D
Acq On : 7 Dec 2021 12:10
Operator : CG/JU
Sample : M4942-08DL 2X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
BGKR0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.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... | 6.169 | 6.0 | ng/ul | 60726 | 1 | 8.190 | 203534 | 20.0 |
| unknown-01 | 7.138 | 2.5 | ng/ul | 25239 | 1 | 8.190 | 203534 | 20.0 |
| Benzene, 1-ethy... | 7.256 | 4.5 | ng/ul | 45250 | 1 | 8.190 | 203534 | 20.0 |
| Benzene, 1-ethy... | 7.561 | 2.3 | ng/ul | 23241 | 1 | 8.190 | 203534 | 20.0 |
| (DEL) Alkane: S... | 7.773 | 6.5 | ng/ul | 65959 | 1 | 8.190 | 203534 | 20.0 |
| Mesitylene | 7.820 | 13.2 | ng/ul | 133983 | 1 | 8.190 | 203534 | 20.0 |
| Benzene, 1,2,3-... | 8.296 | 4.8 | ng/ul | 48885 | 1 | 8.190 | 203534 | 20.0 |
| Indane | 8.560 | 13.5 | ng/ul | 137579 | 1 | 8.190 | 203534 | 20.0 |
| unknown-02 | 8.819 | 3.5 | ng/ul | 35830 | 1 | 8.190 | 203534 | 20.0 |
| (DEL) Alkane: S... | 10.946 | 2.6 | ng/ul | 39096 | 2 | 11.016 | 302174 | 20.0 |
| (DEL) Alkane: S... | 12.379 | 2.5 | ng/ul | 37130 | 2 | 11.016 | 302174 | 20.0 |
| (DEL) Alkane: S... | 13.607 | 2.5 | ng/ul | 50144 | 3 | 14.823 | 402528 | 20.0 |
| (DEL) Alkane: S... | 16.486 | 2.4 | ng/ul | 55954 | 4 | 17.573 | 462854 | 20.0 |