LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** C0V04DL

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-BG110321.M
Title : SVOA CALIBRATION

Signal : TIC: BG050999.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 3.520 | 3 | 5 | 18 | rVB | 383859 | 521129 | 9.95% | 2.143% |
| 2 | 5.282 | 300 | 305 | 309 | rBV4 | 3907 | 7104 | 0.14% | 0.029% |
| 3 | 5.635 | 358 | 365 | 375 | rBV4 | 13499 | 29051 | 0.55% | 0.119% |
| 4 | 5.764 | 383 | 387 | 393 | rVB2 | 5613 | 10299 | 0.20% | 0.042% |
| 5 | 6.005 | 424 | 428 | 434 | rVB5 | 7558 | 13362 | 0.26% | 0.055% |
| 6 | 6.075 | 434 | 440 | 444 | rVV3 | 16891 | 28294 | 0.54% | 0.116% |
| 7 | 6.128 | 444 | 449 | 450 | rVV3 | 5349 | 8000 | 0.15% | 0.033% |
| 8 | 6.164 | 450 | 455 | 458 | rVV2 | 15092 | 24833 | 0.47% | 0.102% |
| 9 | 6.211 | 458 | 463 | 472 | rVB2 | 48440 | 88456 | 1.69% | 0.364% |
| 10 | 6.299 | 472 | 478 | 484 | rBV7 | 3651 | 7432 | 0.14% | 0.031% |
| 11 | 6.487 | 502 | 510 | 523 | rBV7 | 17675 | 67956 | 1.30% | 0.279% |
| 12 | 6.593 | 523 | 528 | 533 | rVB3 | 7542 | 13738 | 0.26% | 0.056% |
| 13 | 6.681 | 539 | 543 | 545 | rBV3 | 6368 | 9626 | 0.18% | 0.040% |
| 14 | 6.716 | 545 | 549 | 550 | rVV3 | 7733 | 12147 | 0.23% | 0.050% |
| 15 | 6.757 | 551 | 556 | 561 | rVV2 | 30354 | 49082 | 0.94% | 0.202% |
| 16 | 6.810 | 561 | 565 | 567 | rVV4 | 7049 | 11505 | 0.22% | 0.047% |
| 17 | 6.851 | 567 | 572 | 581 | rVB3 | 39221 | 89473 | 1.71% | 0.368% |
| 18 | 6.969 | 586 | 592 | 596 | rVB2 | 14047 | 24286 | 0.46% | 0.100% |
| 19 | 7.033 | 598 | 603 | 607 | rBV5 | 6897 | 12833 | 0.24% | 0.053% |
| 20 | 7.104 | 607 | 615 | 619 | rVB5 | 10841 | 25909 | 0.49% | 0.107% |
| 21 | 7.162 | 620 | 625 | 626 | rBV | 9407 | 12676 | 0.24% | 0.052% |
| 22 | 7.198 | 626 | 631 | 635 | rVB2 | 32543 | 50878 | 0.97% | 0.209% |
| 23 | 7.251 | 635 | 640 | 645 | rVB2 | 36400 | 54125 | 1.03% | 0.223% |
| 24 | 7.309 | 645 | 650 | 654 | rBV2 | 16266 | 23907 | 0.46% | 0.098% |
| 25 | 7.362 | 654 | 659 | 662 | rBV2 | 54560 | 94868 | 1.81% | 0.390% |
| 26 | 7.433 | 662 | 671 | 681 | rVB | 2544220 | 5238390 | 100.00% | 21.542% |
| 27 | 7.544 | 685 | 690 | 695 | rVB4 | 13084 | 24072 | 0.46% | 0.099% |
| 28 | 7.609 | 696 | 701 | 705 | rBV6 | 11993 | 23481 | 0.45% | 0.097% |
| 29 | 7.668 | 705 | 711 | 714 | rBV7 | 13271 | 22521 | 0.43% | 0.093% |
| 30 | 7.709 | 714 | 718 | 723 | rVB2 | 24739 | 33680 | 0.64% | 0.139% |
| 31 | 7.785 | 727 | 731 | 734 | rBV3 | 9164 | 13620 | 0.26% | 0.056% |
| 32 | 7.832 | 734 | 739 | 744 | rVB | 244773 | 358929 | 6.85% | 1.476% |
| 33 | 7.879 | 744 | 747 | 754 | rVB2 | 22166 | 36321 | 0.69% | 0.149% |
| 34 | 7.944 | 754 | 758 | 763 | rVB3 | 18507 | 29014 | 0.55% | 0.119% |
| 35 | 8.003 | 763 | 768 | 771 | rBV5 | 6434 | 11097 | 0.21% | 0.046% |
| 36 | 8.038 | 771 | 774 | 779 | rVB3 | 9047 | 14226 | 0.27% | 0.059% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

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-BG110321.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 8.097 | 779 | 784 | 785 | rBV5 | 5694 | 8135 | 0.16% | 0.033% |
| 38 | 8.132 | 786 | 790 | 794 | rBV5 | 8773 | 13681 | 0.26% | 0.056% |
| 39 | 8.191 | 794 | 800 | 804 | rBV | 57532 | 88676 | 1.69% | 0.365% |
| 40 | 8.244 | 804 | 809 | 822 | rVB | 112002 | 219716 | 4.19% | 0.904% |
| 41 | 8.349 | 822 | 827 | 832 | rBV4 | 19676 | 39796 | 0.76% | 0.164% |
| 42 | 8.408 | 832 | 837 | 843 | rVB4 | 14570 | 29807 | 0.57% | 0.123% |
| 43 | 8.467 | 843 | 847 | 851 | rBV2 | 14223 | 18979 | 0.36% | 0.078% |
| 44 | 8.514 | 851 | 855 | 861 | rVB2 | 46498 | 79229 | 1.51% | 0.326% |
| 45 | 8.573 | 861 | 865 | 871 | rVB5 | 12767 | 22549 | 0.43% | 0.093% |
| 46 | 8.649 | 871 | 878 | 879 | rBV6 | 6115 | 10065 | 0.19% | 0.041% |
| 47 | 8.672 | 879 | 882 | 887 | rVB3 | 8634 | 13017 | 0.25% | 0.054% |
| 48 | 8.755 | 887 | 896 | 901 | rBV3 | 85860 | 199957 | 3.82% | 0.822% |
| 49 | 8.878 | 910 | 917 | 925 | rBV2 | 41193 | 74808 | 1.43% | 0.308% |
| 50 | 8.984 | 929 | 935 | 942 | rBV4 | 24550 | 49120 | 0.94% | 0.202% |
| 51 | 9.084 | 947 | 952 | 957 | rBV3 | 20037 | 36269 | 0.69% | 0.149% |
| 52 | 9.195 | 965 | 971 | 972 | rBV5 | 5787 | 8299 | 0.16% | 0.034% |
| 53 | 9.248 | 974 | 980 | 985 | rVB8 | 10062 | 23366 | 0.45% | 0.096% |
| 54 | 9.301 | 985 | 989 | 992 | rBV3 | 10282 | 17653 | 0.34% | 0.073% |
| 55 | 9.342 | 992 | 996 | 1005 | rVV4 | 21453 | 43832 | 0.84% | 0.180% |
| 56 | 9.448 | 1005 | 1014 | 1021 | rVB | 156149 | 253431 | 4.84% | 1.042% |
| 57 | 9.548 | 1026 | 1031 | 1035 | rBV6 | 9036 | 18643 | 0.36% | 0.077% |
| 58 | 9.595 | 1036 | 1039 | 1047 | rVB5 | 12489 | 20352 | 0.39% | 0.084% |
| 59 | 9.689 | 1050 | 1055 | 1056 | rBV4 | 6771 | 9215 | 0.18% | 0.038% |
| 60 | 9.871 | 1080 | 1086 | 1092 | rVB6 | 10485 | 22444 | 0.43% | 0.092% |
| 61 | 9.936 | 1092 | 1097 | 1101 | rVV4 | 7599 | 14007 | 0.27% | 0.058% |
| 62 | 9.971 | 1101 | 1103 | 1111 | rVB7 | 5465 | 11676 | 0.22% | 0.048% |
| 63 | 10.165 | 1129 | 1136 | 1141 | rBV6 | 10888 | 21629 | 0.41% | 0.089% |
| 64 | 10.235 | 1143 | 1148 | 1153 | rVV6 | 4248 | 7691 | 0.15% | 0.032% |
| 65 | 10.294 | 1156 | 1158 | 1164 | rVB4 | 4134 | 5686 | 0.11% | 0.023% |
| 66 | 10.376 | 1166 | 1172 | 1176 | rBV8 | 3371 | 7123 | 0.14% | 0.029% |
| 67 | 10.459 | 1179 | 1186 | 1190 | rBV6 | 8424 | 18002 | 0.34% | 0.074% |
| 68 | 10.999 | 1271 | 1278 | 1283 | rBV2 | 12778 | 22194 | 0.42% | 0.091% |
| 69 | 11.070 | 1283 | 1290 | 1299 | rVB | 163246 | 304931 | 5.82% | 1.254% |
| 70 | 11.828 | 1410 | 1419 | 1436 | rBV | 832420 | 2087291 | 39.85% | 8.583% |
| 71 | 11.963 | 1436 | 1442 | 1456 | rVB2 | 55823 | 149065 | 2.85% | 0.613% |
| 72 | 12.380 | 1508 | 1513 | 1521 | rVB2 | 31211 | 58013 | 1.11% | 0.239% |
| 73 | 13.202 | 1646 | 1653 | 1665 | rBV | 122370 | 231459 | 4.42% | 0.952% |
| 74 | 14.266 | 1830 | 1834 | 1839 | rVB3 | 4491 | 7646 | 0.15% | 0.031% |
| 75 | 14.566 | 1881 | 1885 | 1890 | rVB2 | 5342 | 7807 | 0.15% | 0.032% |
| 76 | 14.871 | 1930 | 1937 | 1946 | rVB | 265578 | 433306 | 8.27% | 1.782% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

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-BG110321.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 77 | 15.846 | 2098 | 2103 | 2110 | rBV | 36263 | 59226 | 1.13% | 0.244% |
| 78 | 17.615 | 2398 | 2404 | 2410 | rBV | 293123 | 455501 | 8.70% | 1.873% |
| 79 | 18.766 | 2595 | 2600 | 2611 | rBV | 691707 | 1013099 | 19.34% | 4.166% |
| 80 | 18.990 | 2630 | 2638 | 2645 | rBV | 2475608 | 3926613 | 74.96% | 16.147% |
| 81 | 19.395 | 2700 | 2707 | 2715 | rBV | 2471681 | 3761347 | 71.80% | 15.468% |
| 82 | 21.522 | 3061 | 3069 | 3073 | rBV | 1484100 | 2975409 | 56.80% | 12.236% |
| 83 | 21.916 | 3132 | 3136 | 3142 | rVB | 201445 | 321426 | 6.14% | 1.322% |

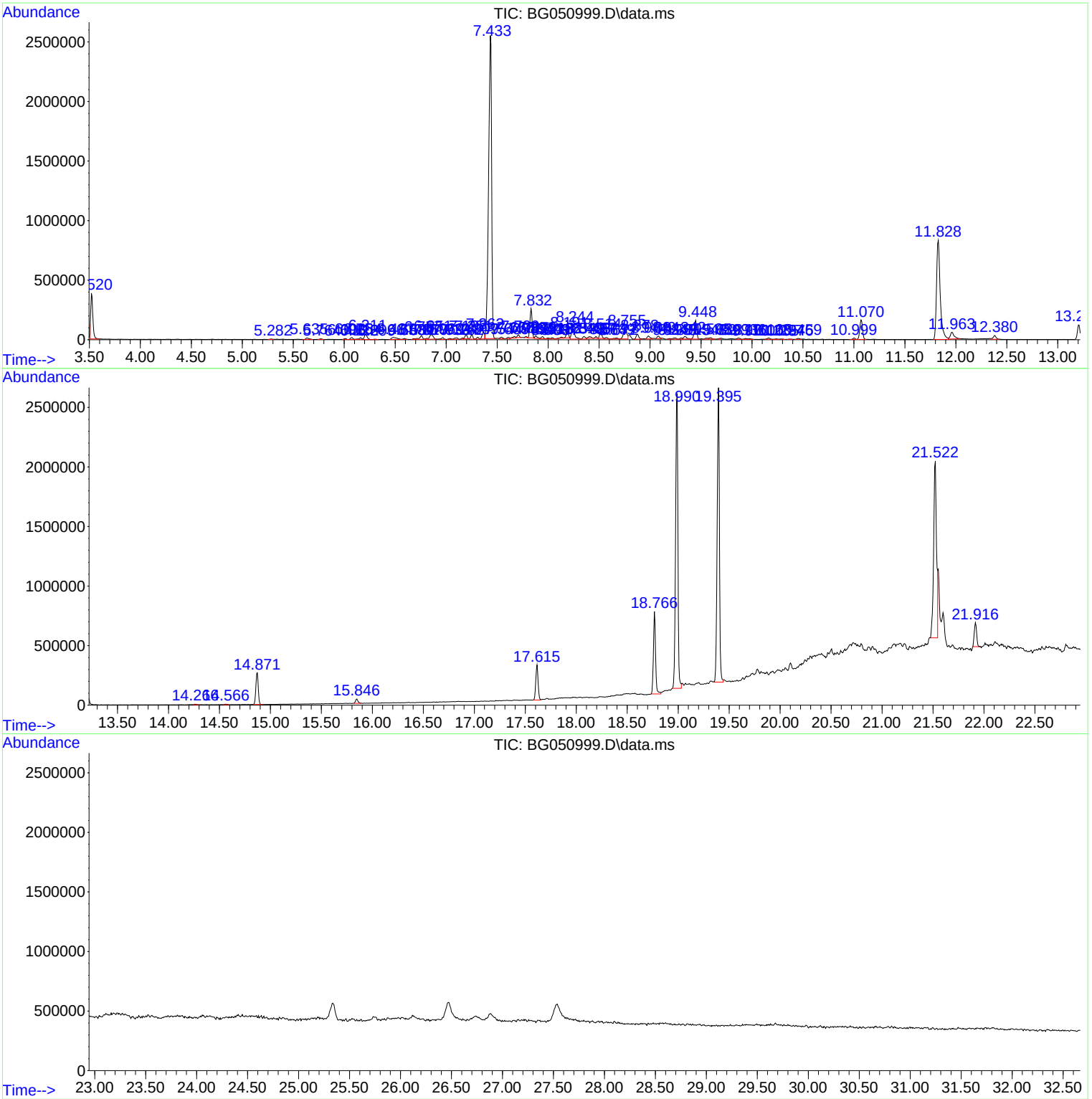
Sum of corrected areas: 24317506

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

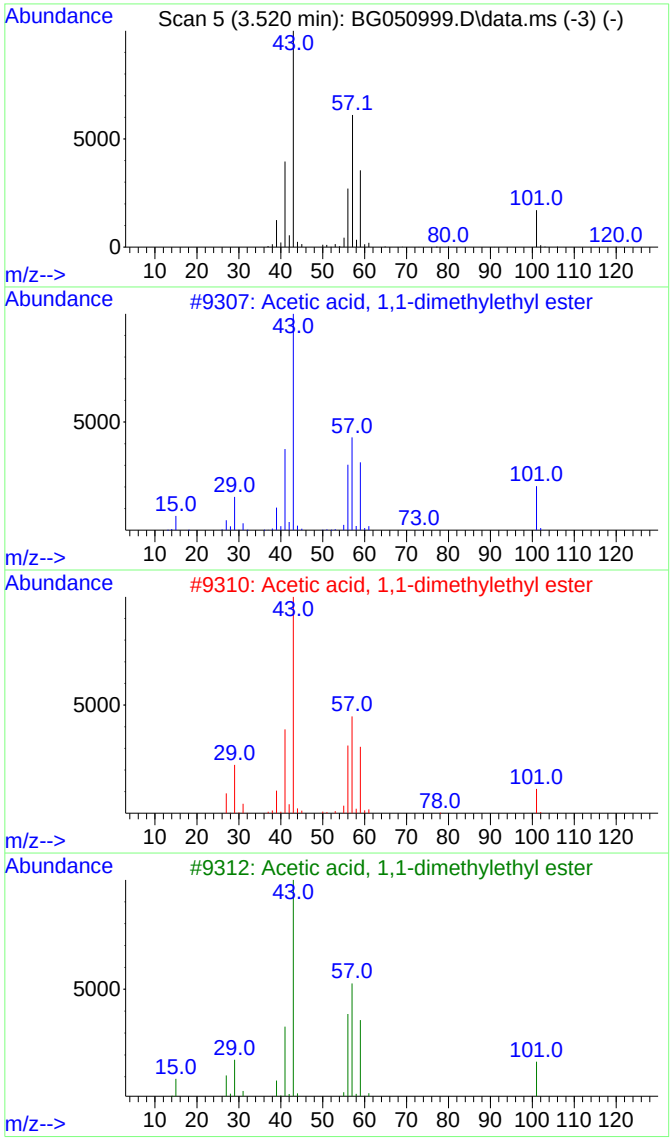
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

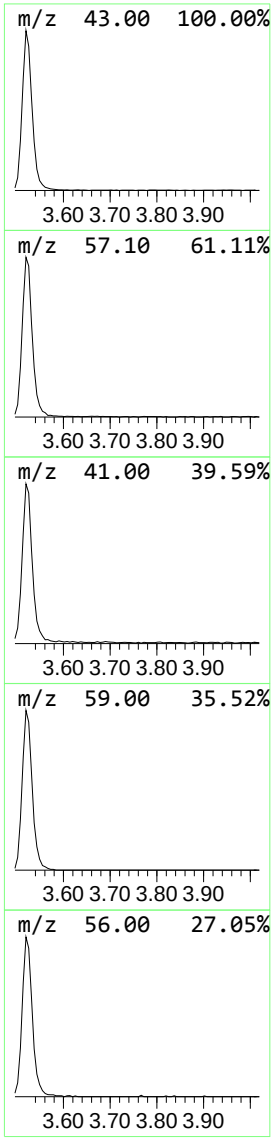
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Acetic acid, 1,1-dimethylet... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 3.520 | 47.44 ng/ul | 521129 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 83 |
| 2 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 83 |
| 3 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 64 |
| 4 | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50 |
| 5 | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 45 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

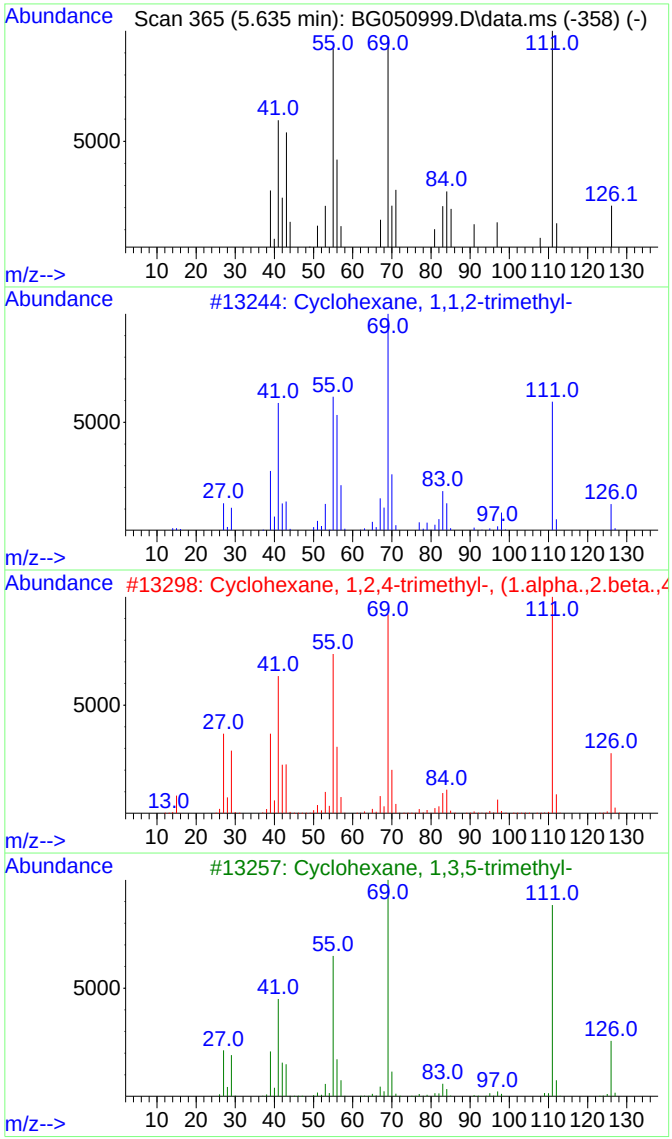
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

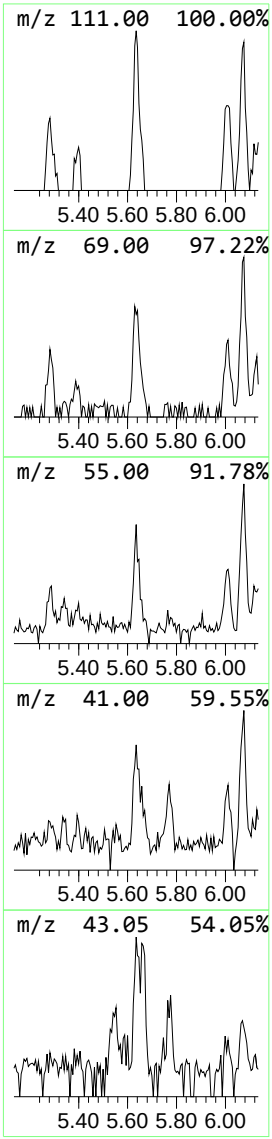
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 (DEL) Alkane: Cyclic5.635 Concentration Rank 31

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 5.635 | 2.64 ng/ul | 29051 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,1,2-trimethyl- | 126 | C9H18 | 007094-26-0 | 72 |
| 2 | Cyclohexane, 1,2,4-trimethyl-, (... | 126 | C9H18 | 007667-60-9 | 58 |
| 3 | Cyclohexane, 1,3,5-trimethyl- | 126 | C9H18 | 001839-63-0 | 49 |
| 4 | Cyclohexane, 1-ethyl-2,4-dimethyl- | 140 | C10H20 | 061142-69-6 | 47 |
| 5 | Cyclohexane, 1-ethyl-1,4-dimethy... | 140 | C10H20 | 062238-32-8 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

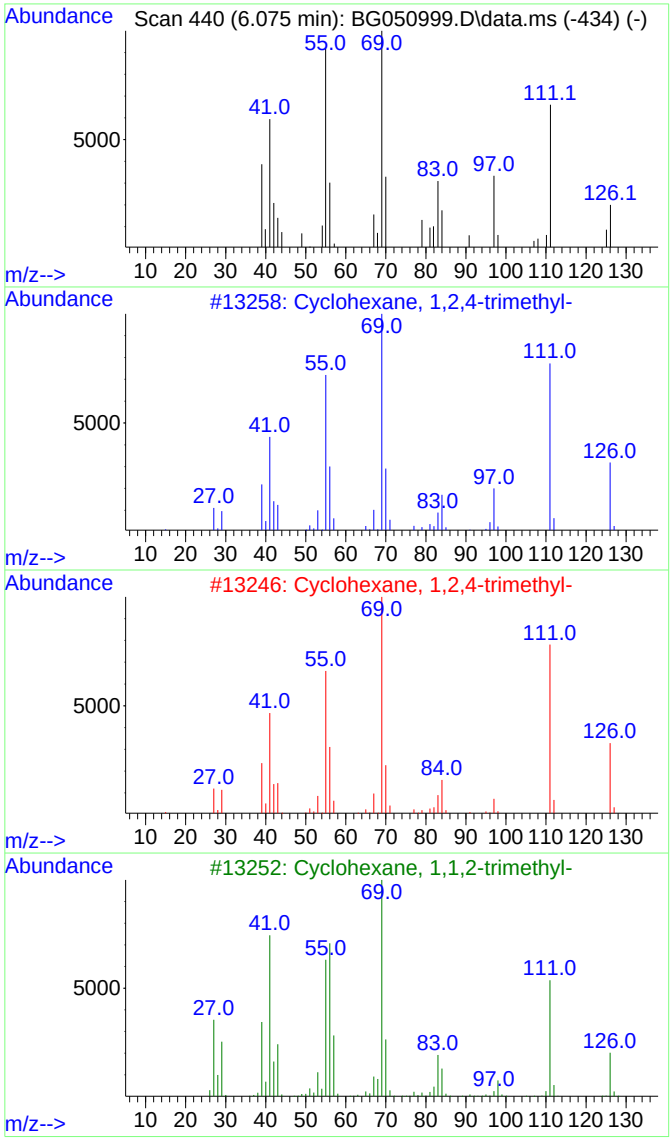
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

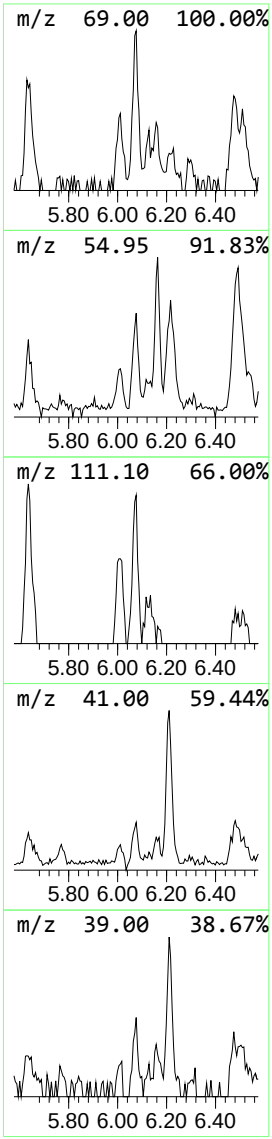
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (DEL) Alkane: Cyclic6.075 Concentration Rank 33

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.075 | 2.58 ng/ul | 28294 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,2,4-trimethyl- | 126 | C9H18 | 002234-75-5 | 83 |
| 2 | Cyclohexane, 1,2,4-trimethyl- | 126 | C9H18 | 002234-75-5 | 80 |
| 3 | Cyclohexane, 1,1,2-trimethyl- | 126 | C9H18 | 007094-26-0 | 72 |
| 4 | Cyclohexane, 1,1,2-trimethyl- | 126 | C9H18 | 007094-26-0 | 64 |
| 5 | Cyclohexane, 1,2,4-trimethyl-, (... | 126 | C9H18 | 007667-60-9 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

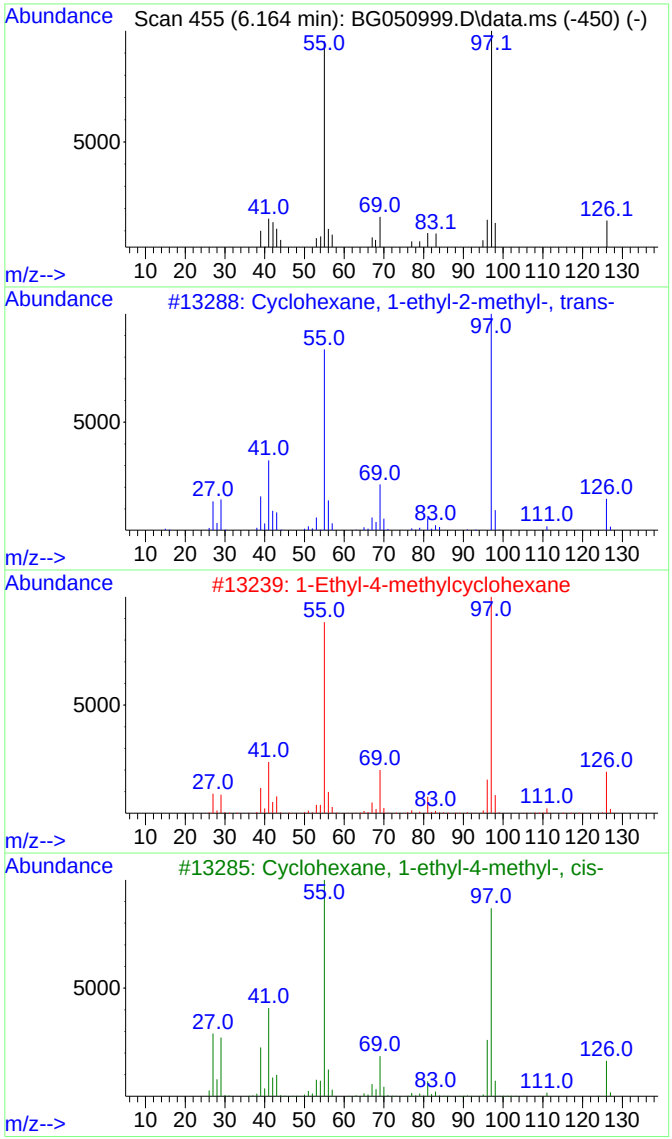
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

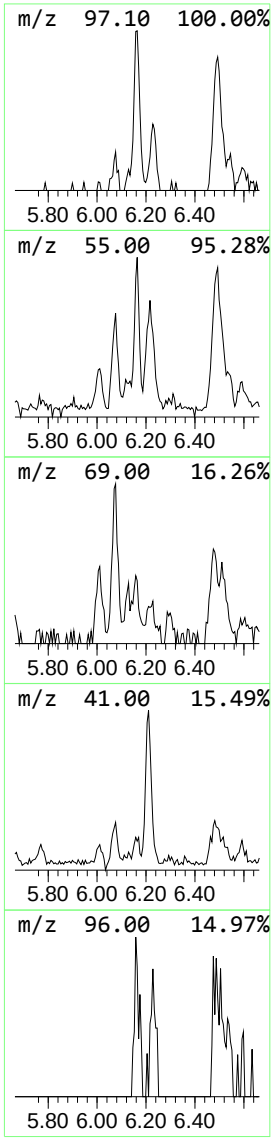
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 (DEL) Alkane: Cyclic6.164 Concentration Rank 35

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.164 | 2.26 ng/ul | 24833 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-ethyl-2-methyl-, ... | 126 | C9H18 | 004923-78-8 | 90 |
| 2 | 1-Ethyl-4-methylcyclohexane | 126 | C9H18 | 003728-56-1 | 87 |
| 3 | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18 | 004926-78-7 | 87 |
| 4 | 1-Ethyl-3-methylcyclohexane (c,t) | 126 | C9H18 | 003728-55-0 | 80 |
| 5 | Sulfurous acid, cyclohexylmethyl... | 360 | C20H40O3S | 1000309-22-1 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

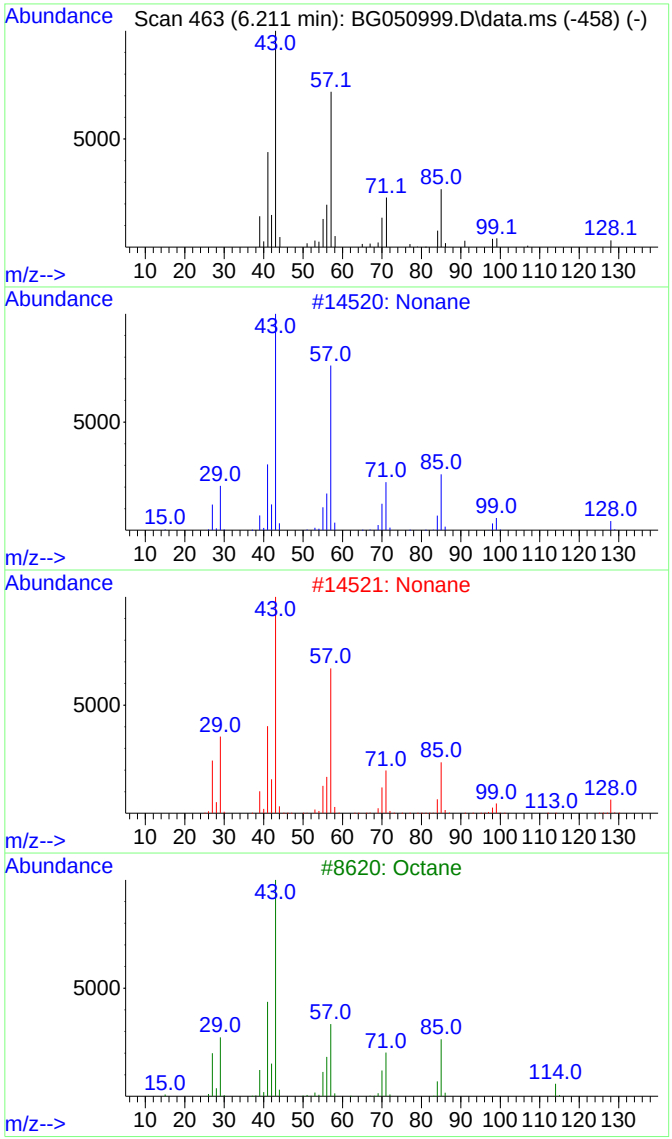
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

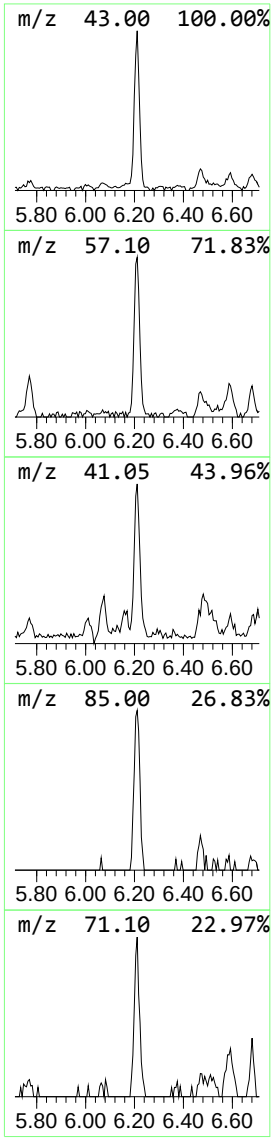
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.211 | 8.05 ng/ul | 88456 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane | 128 | C9H20 | 000111-84-2 | 90 |
| 2 | Nonane | 128 | C9H20 | 000111-84-2 | 83 |
| 3 | Octane | 114 | C8H18 | 000111-65-9 | 80 |
| 4 | Oxalic acid, isohexyl pentyl ester | 244 | C13H24O4 | 1000309-32-8 | 78 |
| 5 | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

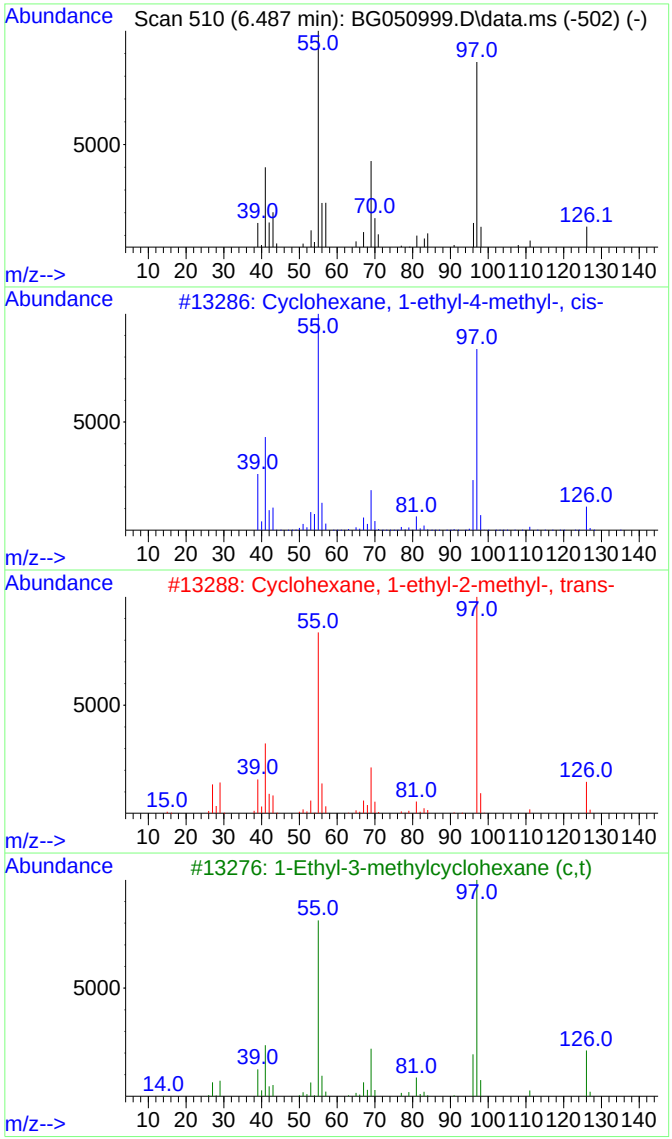
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

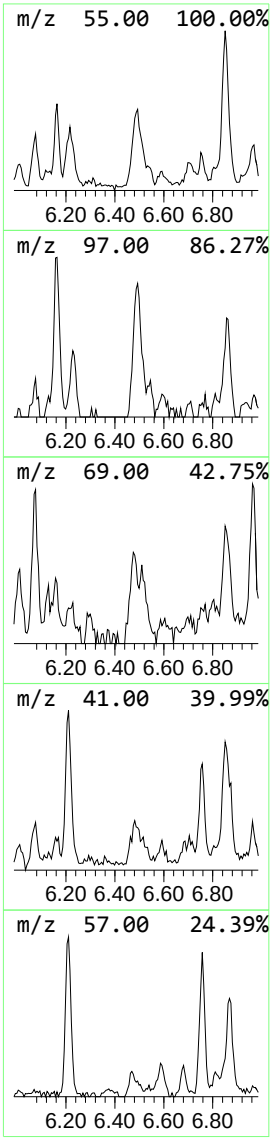
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 6 (DEL) Alkane: Cyclic6.487 Concentration Rank 18

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.487 | 6.19 ng/ul | 67956 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-ethyl-4-methyl-, ... | 126 | C9H18 | 004926-78-7 | 74 |
| 2 | Cyclohexane, 1-ethyl-2-methyl-, ... | 126 | C9H18 | 004923-78-8 | 72 |
| 3 | 1-Ethyl-3-methylcyclohexane (c,t) | 126 | C9H18 | 003728-55-0 | 64 |
| 4 | 3-Heptene, 3-ethyl- | 126 | C9H18 | 074764-46-8 | 64 |
| 5 | 2-Hexene, 3,4,4-trimethyl- | 126 | C9H18 | 053941-19-8 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

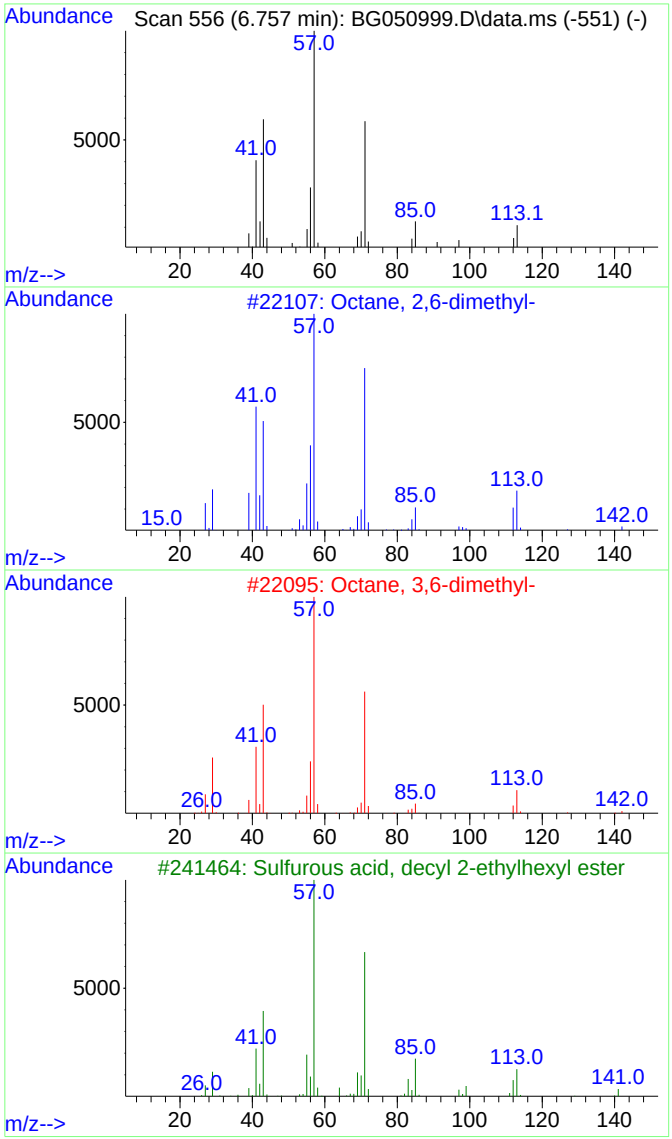
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

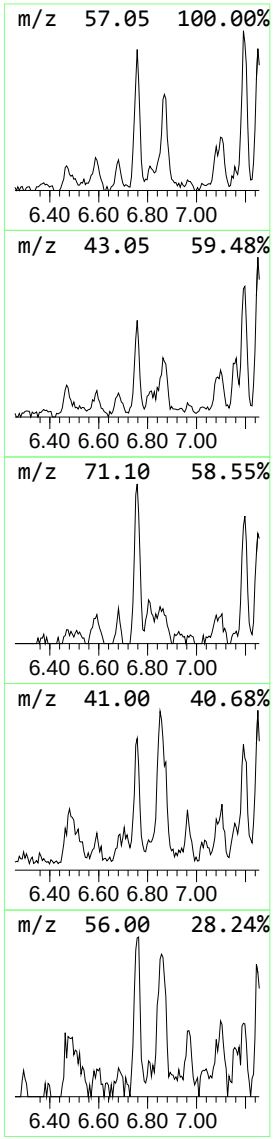
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.757 | 4.47 ng/ul | 49082 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 83 |
| 2 | Octane, 3,6-dimethyl- | 142 | C10H22 | 015869-94-0 | 72 |
| 3 | Sulfurous acid, decyl 2-ethylhex... | 334 | C18H38O3S | 1000309-19-3 | 72 |
| 4 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 64 |
| 5 | Octane, 2,3,7-trimethyl- | 156 | C11H24 | 062016-34-6 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

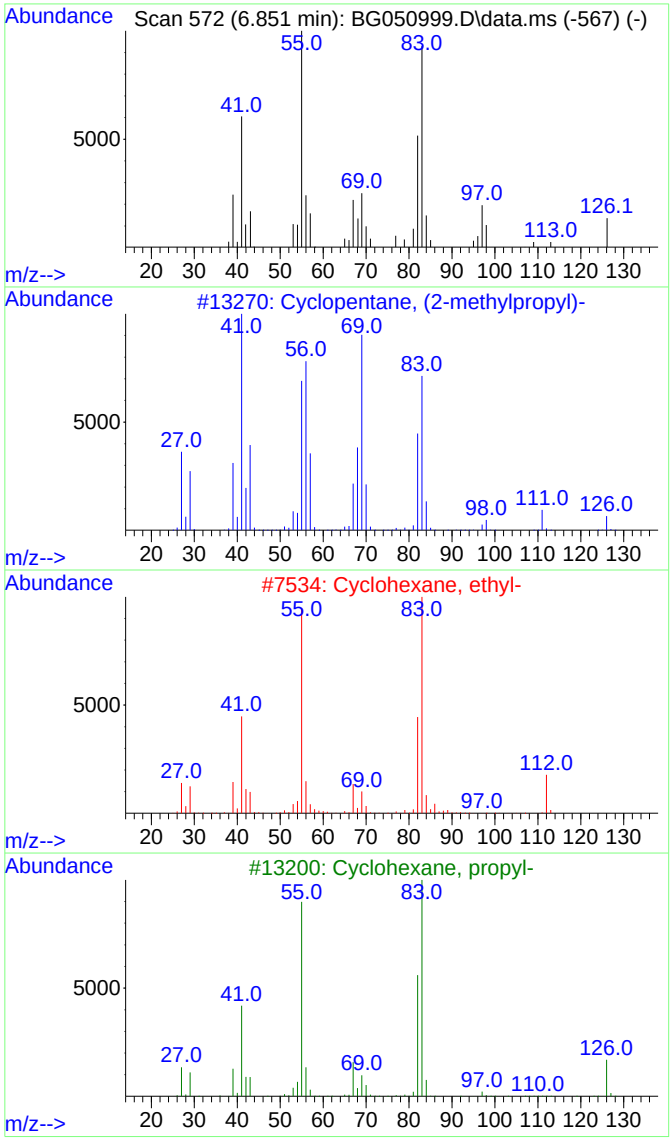
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

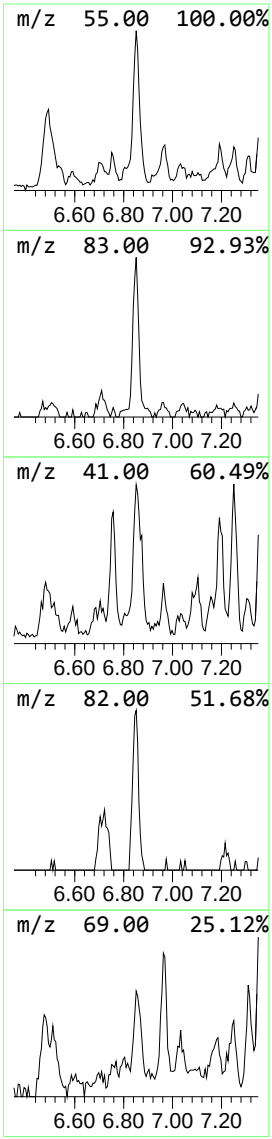
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 8 (DEL) Alkane: Cyclic6.851 Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.851 | 8.14 ng/ul | 89473 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopentane, (2-methylpropyl)- | 126 | C9H18 | 003788-32-7 | 59 |
| 2 | Cyclohexane, ethyl- | 112 | C8H16 | 001678-91-7 | 59 |
| 3 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 59 |
| 4 | Cyclohexane, 2-propenyl- | 124 | C9H16 | 002114-42-3 | 59 |
| 5 | Cyclohexane, 2-propenyl- | 124 | C9H16 | 002114-42-3 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

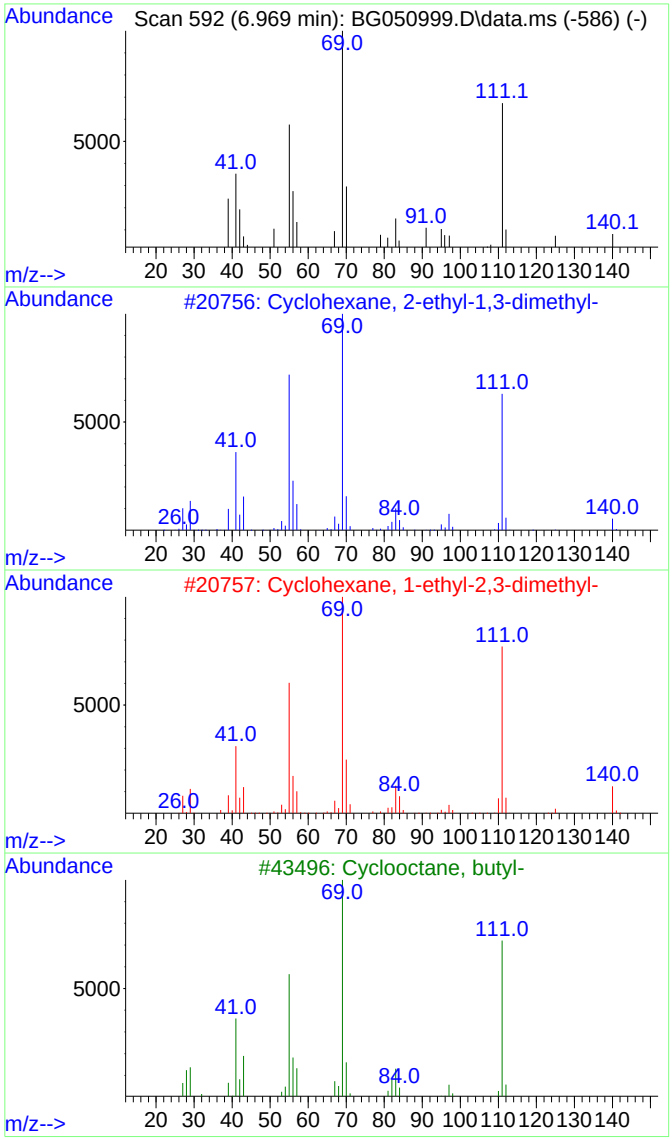
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

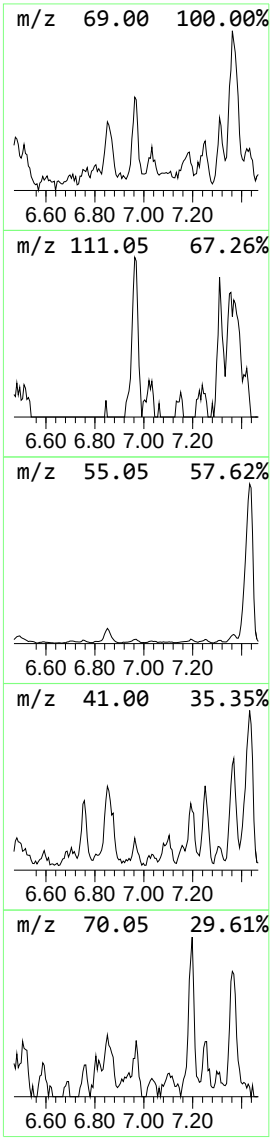
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 (DEL) Alkane: Cyclic6.969 Concentration Rank 36

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.969 | 2.21 ng/ul | 24286 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 2-ethyl-1,3-dimethyl- | 140 | C10H20 | 007045-67-2 | 76 |
| 2 | Cyclohexane, 1-ethyl-2,3-dimethyl- | 140 | C10H20 | 007058-05-1 | 72 |
| 3 | Cyclooctane, butyl- | 168 | C12H24 | 016538-93-5 | 53 |
| 4 | 2-Hexene, 4-ethyl-2,3-dimethyl- | 140 | C10H20 | 1000149-19-7 | 49 |
| 5 | 3-Hexene, 2,5-dimethyl- | 112 | C8H16 | 015910-22-2 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

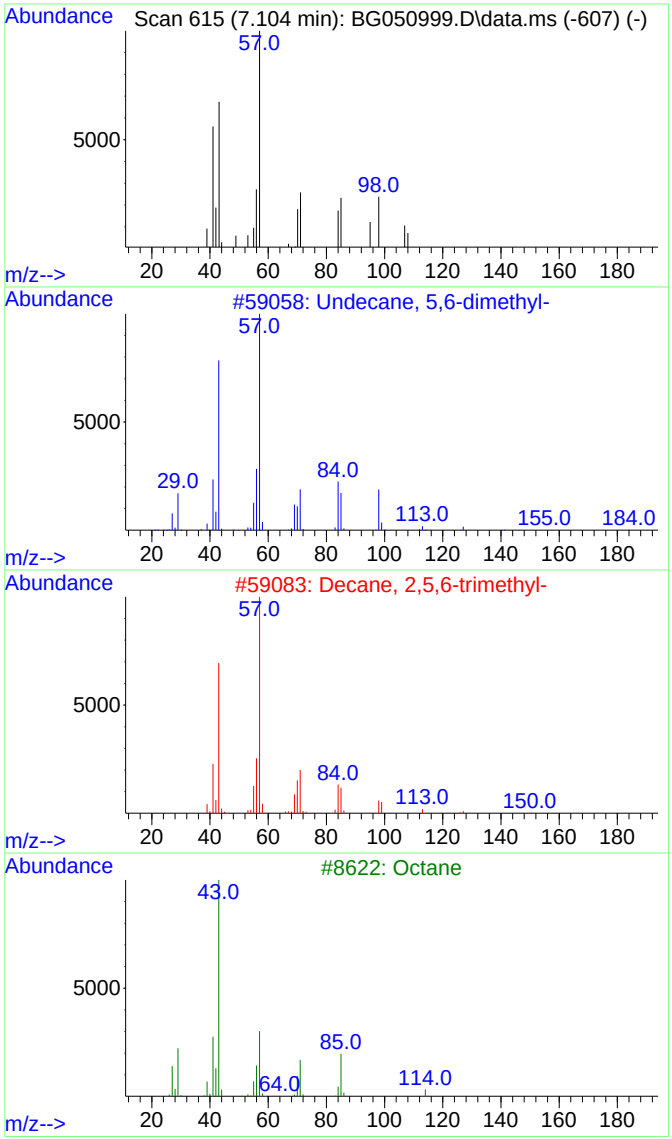
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

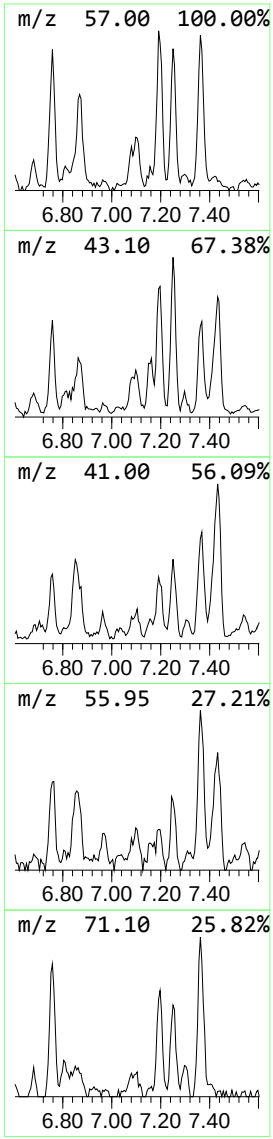
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 34

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.104 | 2.36 ng/ul | 25909 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Undecane, 5,6-dimethyl- | 184 | C13H28 | 017615-91-7 | 53 |
| 2 | Decane, 2,5,6-trimethyl- | 184 | C13H28 | 062108-23-0 | 40 |
| 3 | Octane | 114 | C8H18 | 000111-65-9 | 38 |
| 4 | Octane, 2,3-dimethyl- | 142 | C10H22 | 007146-60-3 | 32 |
| 5 | Hexane, 2,3,4-trimethyl- | 128 | C9H20 | 000921-47-1 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

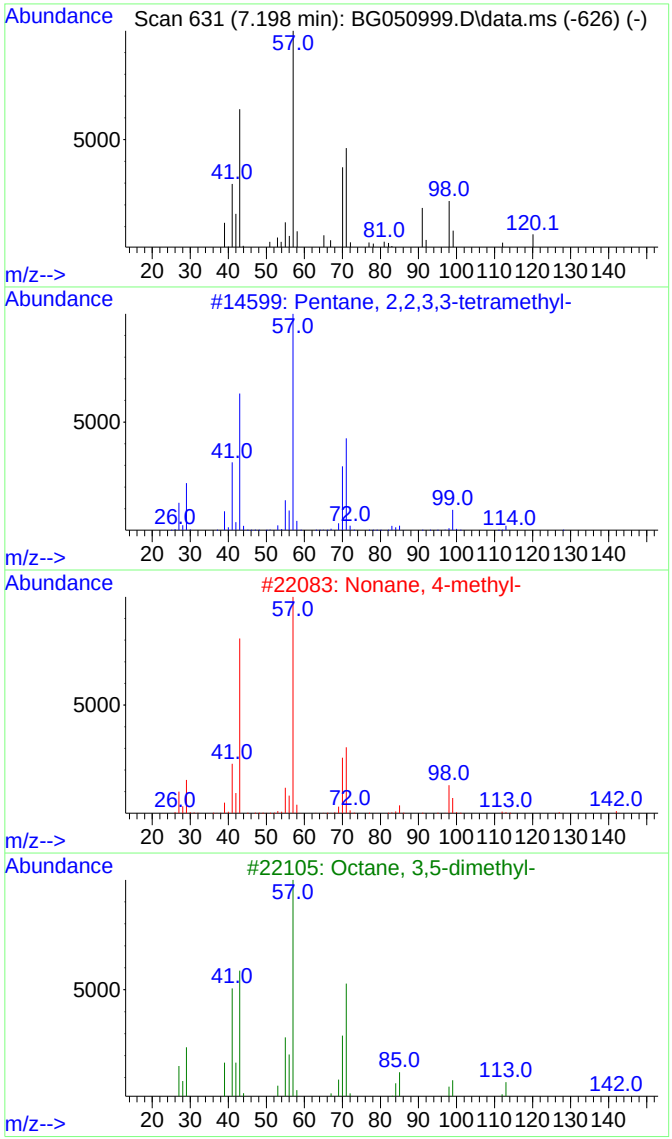
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

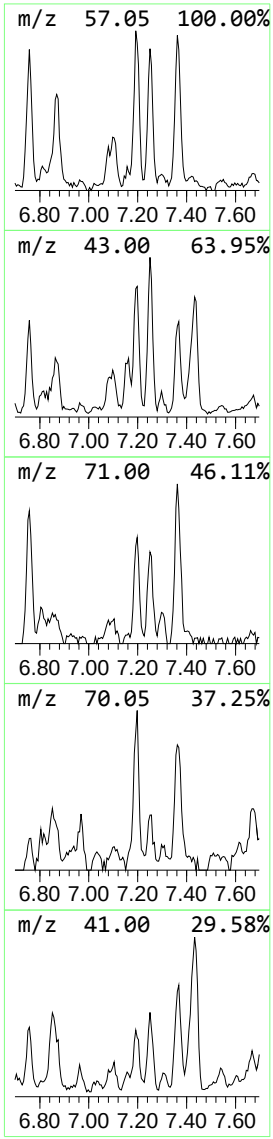
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 20

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.198 | 4.63 ng/ul | 50878 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Pentane, 2,2,3,3-tetramethyl- | 128 | C9H20 | 007154-79-2 | 47 |
| 2 | Nonane, 4-methyl- | 142 | C10H22 | 017301-94-9 | 45 |
| 3 | Octane, 3,5-dimethyl- | 142 | C10H22 | 015869-93-9 | 45 |
| 4 | Octane, 2,3-dimethyl- | 142 | C10H22 | 007146-60-3 | 43 |
| 5 | Pentane, 2,2,3,3-tetramethyl- | 128 | C9H20 | 007154-79-2 | 40 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

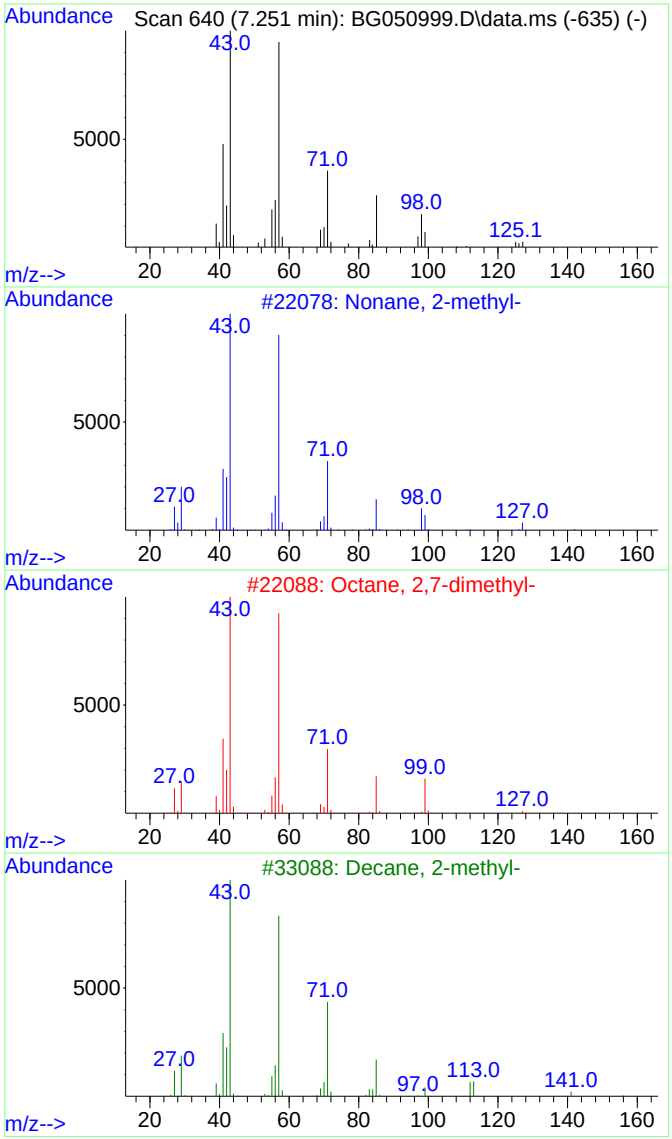
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

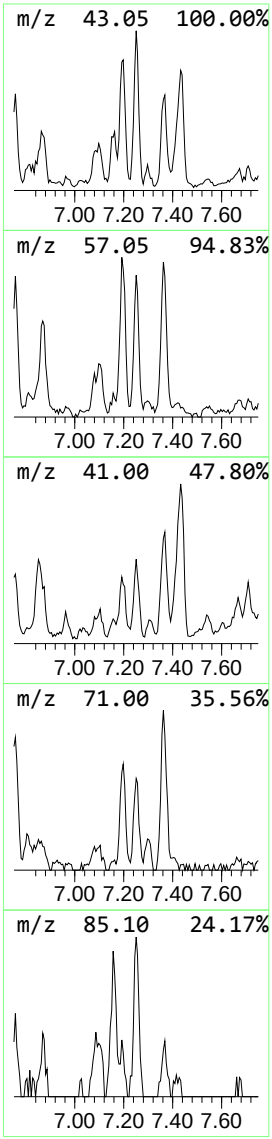
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 19

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.251 | 4.93 ng/ul | 54125 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Nonane, 2-methyl- | 142 | C10H22 | 000871-83-0 | 64 |
| 2 | Octane, 2,7-dimethyl- | 142 | C10H22 | 001072-16-8 | 64 |
| 3 | Decane, 2-methyl- | 156 | C11H24 | 006975-98-0 | 59 |
| 4 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 59 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

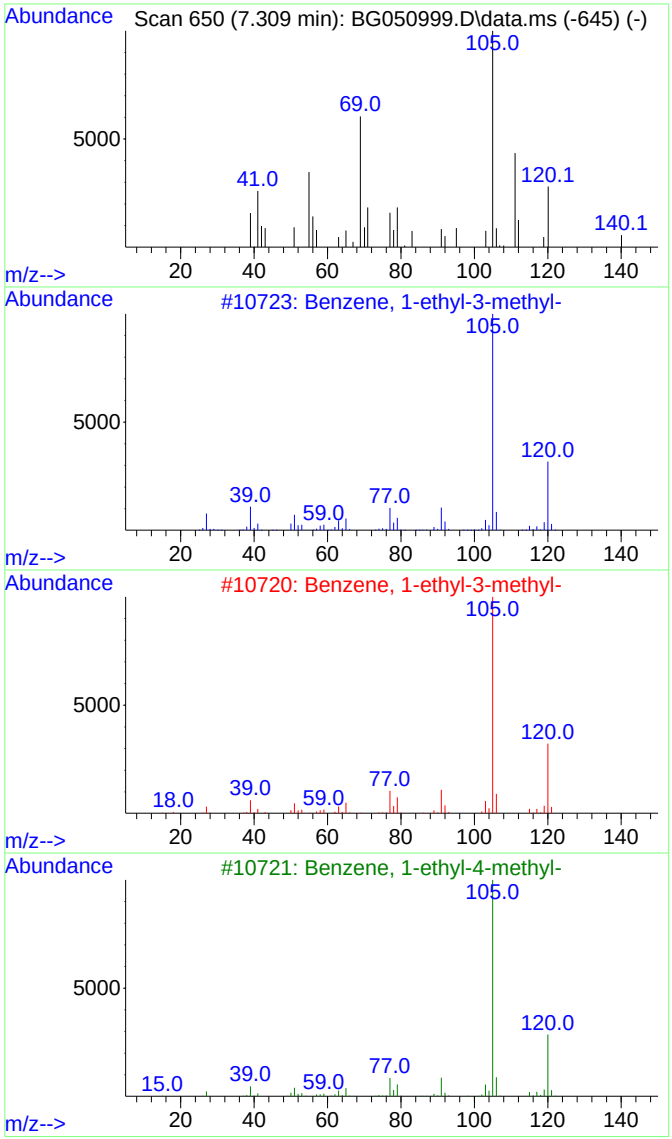
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

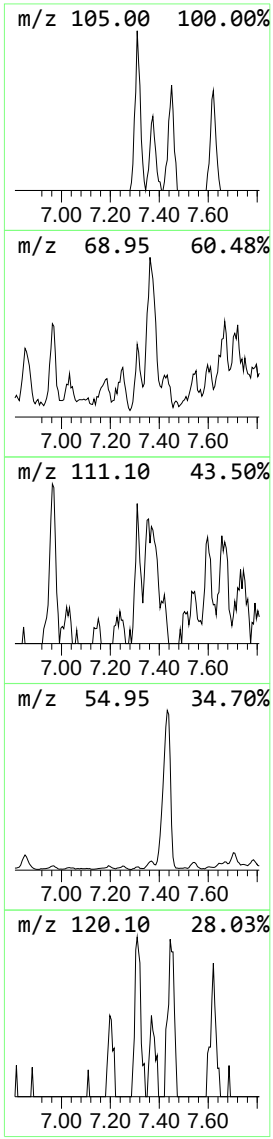
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 unknown-01 Concentration Rank 38

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.309 | 2.18 ng/ul | 23907 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 43 |
| 2 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 43 |
| 3 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 38 |
| 4 | Benzene, 1-ethyl-2-methyl- | 120 | C9H12 | 000611-14-3 | 38 |
| 5 | Benzene, 1-ethyl-4-methyl- | 120 | C9H12 | 000622-96-8 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

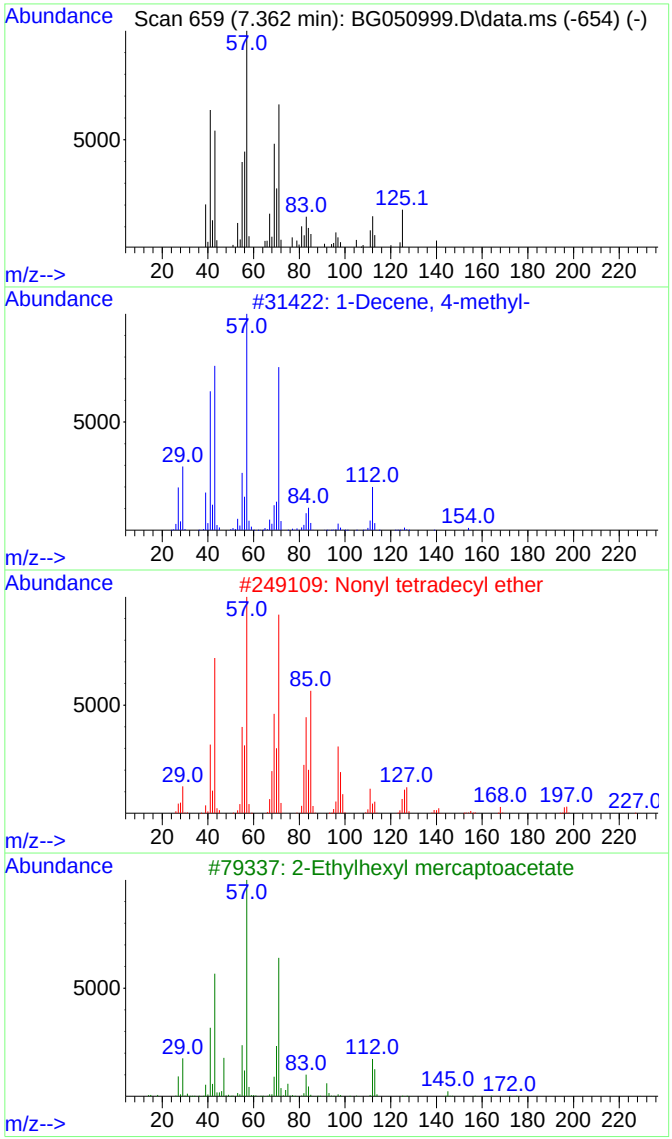
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

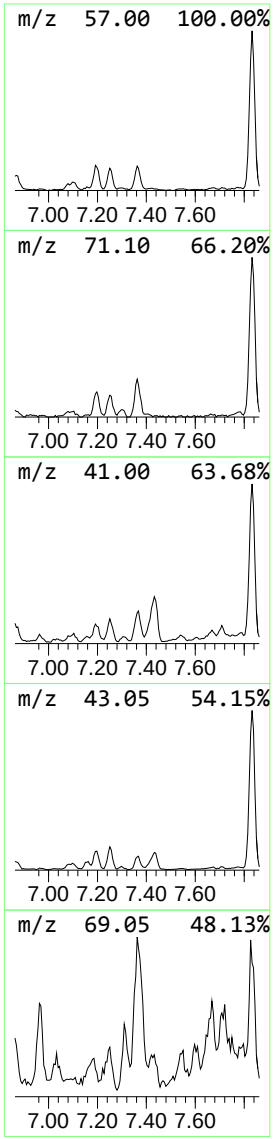
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.362 | 8.64 ng/ul | 94868 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-Decene, 4-methyl- | 154 | C11H22 | 013151-29-6 | 47 |
| 2 | Nonyl tetradecyl ether | 340 | C23H48O | 1000406-37-6 | 47 |
| 3 | 2-Ethylhexyl mercaptoacetate | 204 | C10H20O2S | 007659-86-1 | 47 |
| 4 | Decane, 5,6-dipropyl- | 226 | C16H34 | 119209-20-0 | 47 |
| 5 | Carbonic acid, octyl vinyl ester | 200 | C11H20O3 | 1000383-25-5 | 47 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

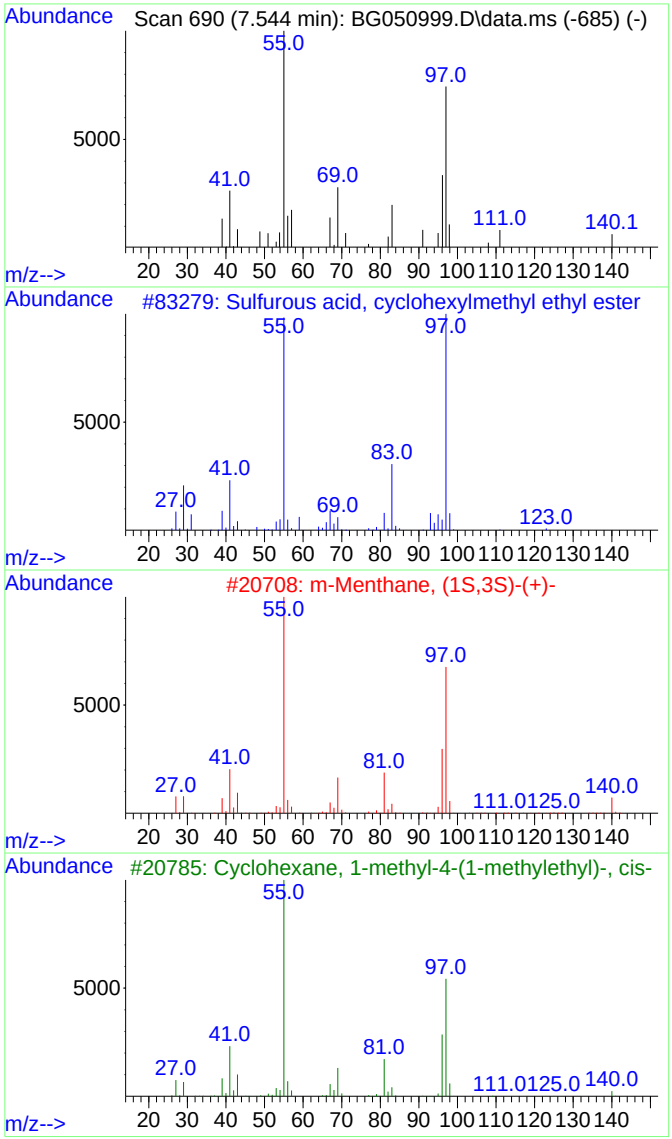
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

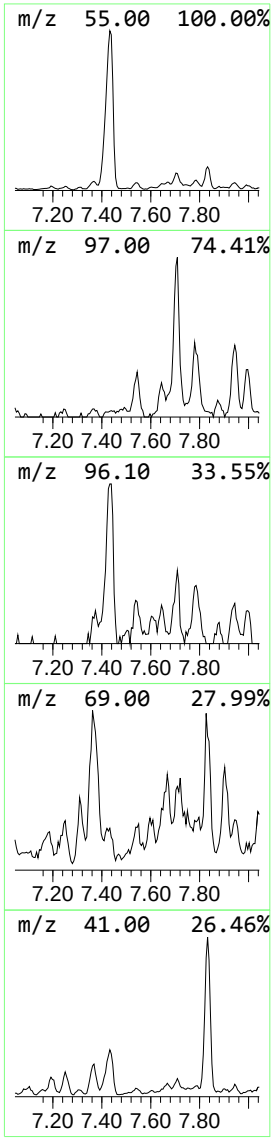
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 Sulfurous acid, cyclohexylm... Concentration Rank 37

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.544 | 2.19 ng/ul | 24072 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Sulfurous acid, cyclohexylmethyl... | 206 | C9H18O3S | 1000309-21-2 | 64 |
| 2 | m-Menthane, (1S,3S)-(+)- | 140 | C10H20 | 013837-67-7 | 64 |
| 3 | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20 | 006069-98-3 | 64 |
| 4 | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20 | 001678-82-6 | 64 |
| 5 | m-Menthane, (1S,3R)-(+)- | 140 | C10H20 | 013837-66-6 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

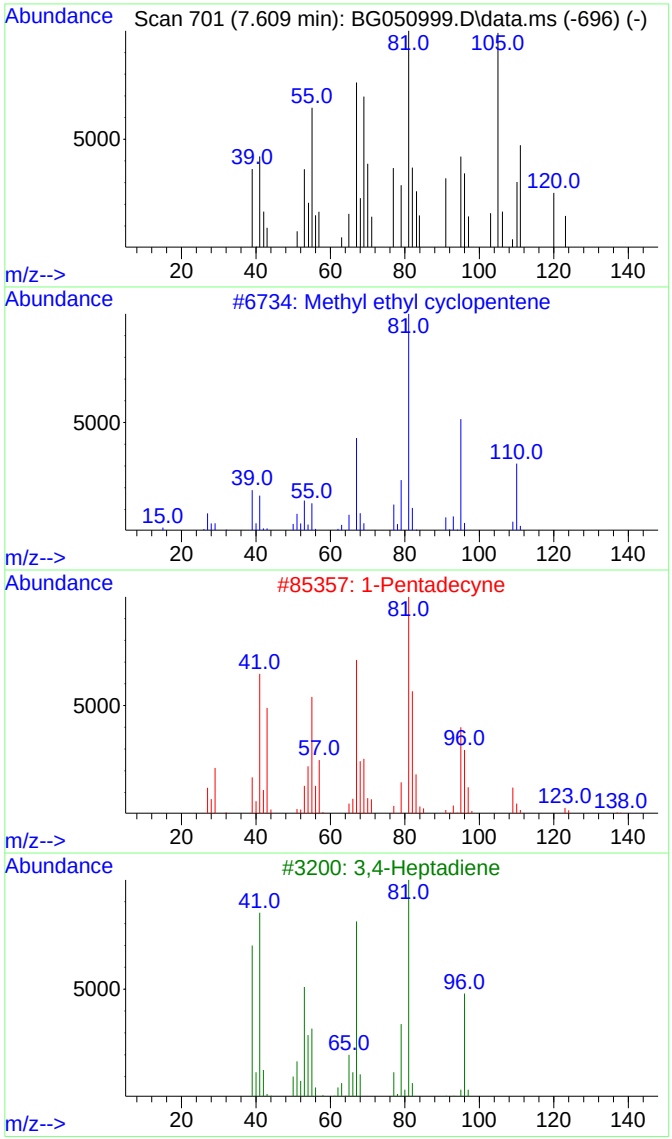
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

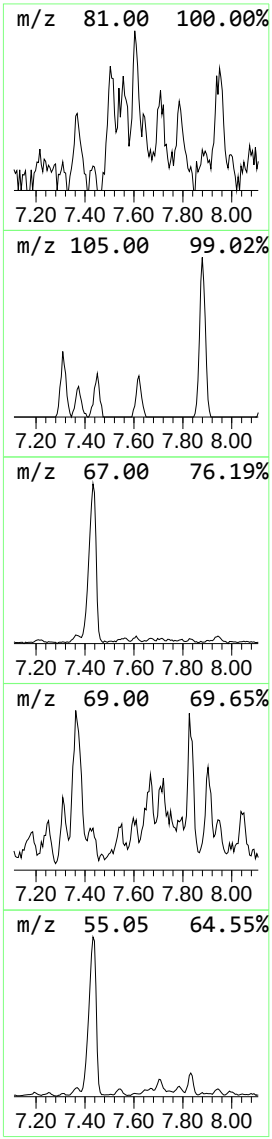
**********

Peak Number 16 unknown-02 Concentration Rank 39

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.609 | 2.14 ng/ul | 23481 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methyl ethyl cyclopentene | 110 | C8H14 | 019780-56-4 | 49 |
| 2 | 1-Pentadecyne | 208 | C15H28 | 000765-13-9 | 47 |
| 3 | 3,4-Heptadiene | 96 | C7H12 | 002454-31-1 | 43 |
| 4 | 2-Furanmethanamine, N-methyl- | 111 | C6H9NO | 004753-75-7 | 30 |
| 5 | 3-Hexyne, 2-methyl- | 96 | C7H12 | 036566-80-0 | 27 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

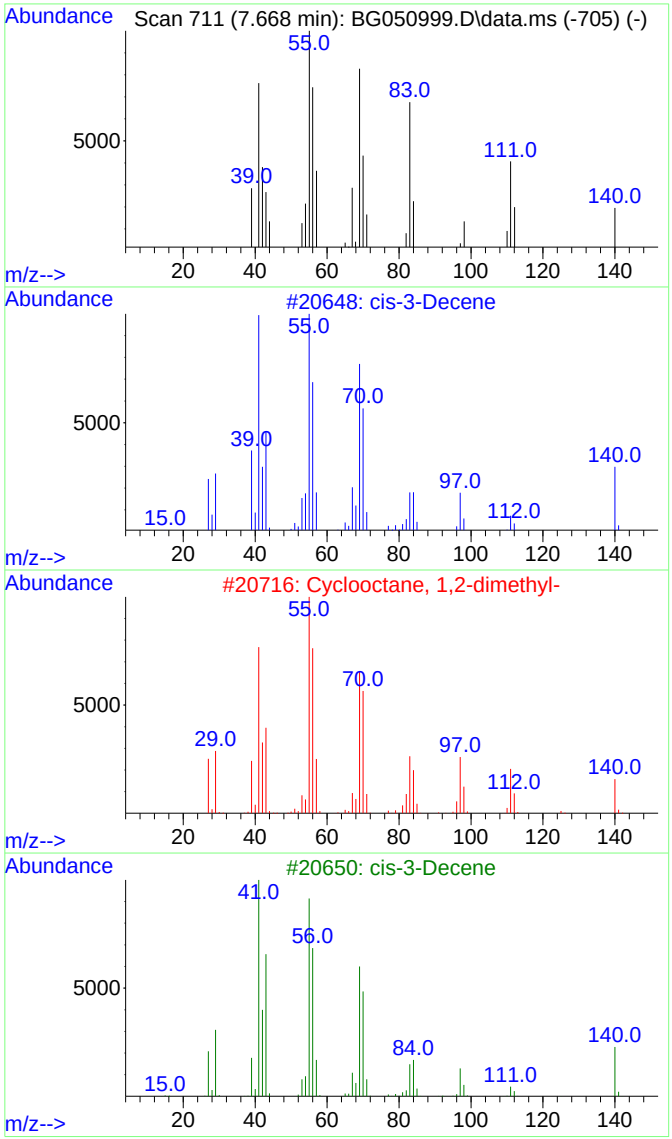
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

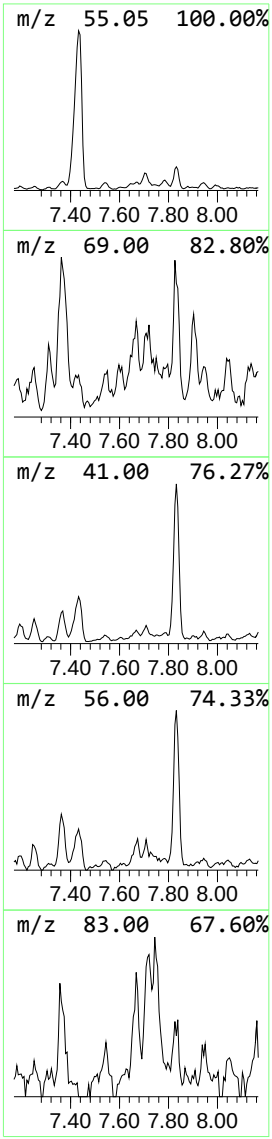
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 42

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.668 | 2.05 ng/ul | 22521 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | cis-3-Decene | 140 | C10H20 | 019398-86-8 | 62 |
| 2 | Cyclooctane, 1,2-dimethyl- | 140 | C10H20 | 013151-94-5 | 58 |
| 3 | cis-3-Decene | 140 | C10H20 | 019398-86-8 | 52 |
| 4 | Cyclopropane, 1-ethyl-2-pentyl- | 140 | C10H20 | 062238-08-8 | 49 |
| 5 | 1-Hexene, 3-methyl- | 98 | C7H14 | 003404-61-3 | 46 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

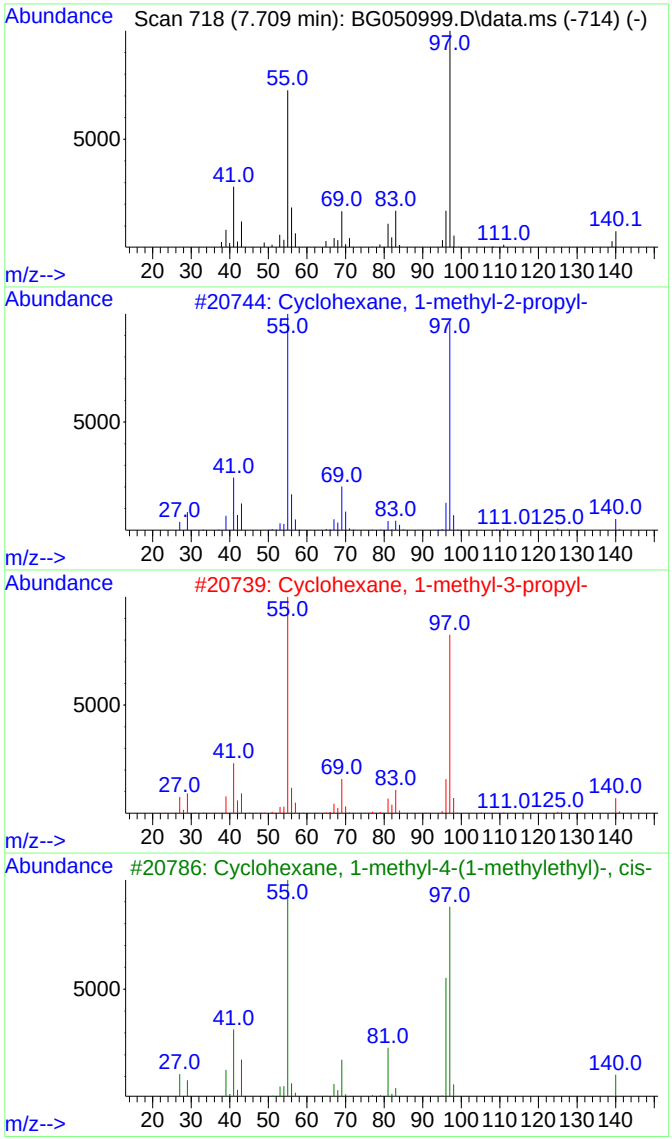
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

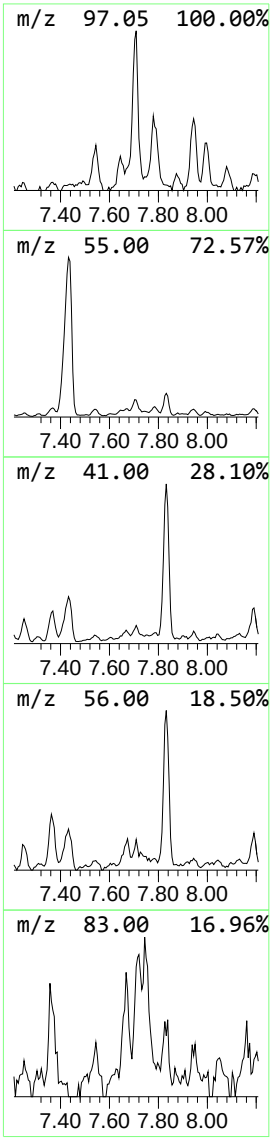
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 18 (DEL) Alkane: Cyclic7.709 Concentration Rank 28

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.709 | 3.07 ng/ul | 33680 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-methyl-2-propyl- | 140 | C10H20 | 004291-79-6 | 80 |
| 2 | Cyclohexane, 1-methyl-3-propyl- | 140 | C10H20 | 004291-80-9 | 64 |
| 3 | Cyclohexane, 1-methyl-4-(1-methy... | 140 | C10H20 | 006069-98-3 | 64 |
| 4 | Cyclohexane, 1,4-dimethyl-, trans- | 112 | C8H16 | 002207-04-7 | 64 |
| 5 | Succinic acid, di(2-methylcycloh... | 310 | C18H30O4 | 1000329-83-0 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

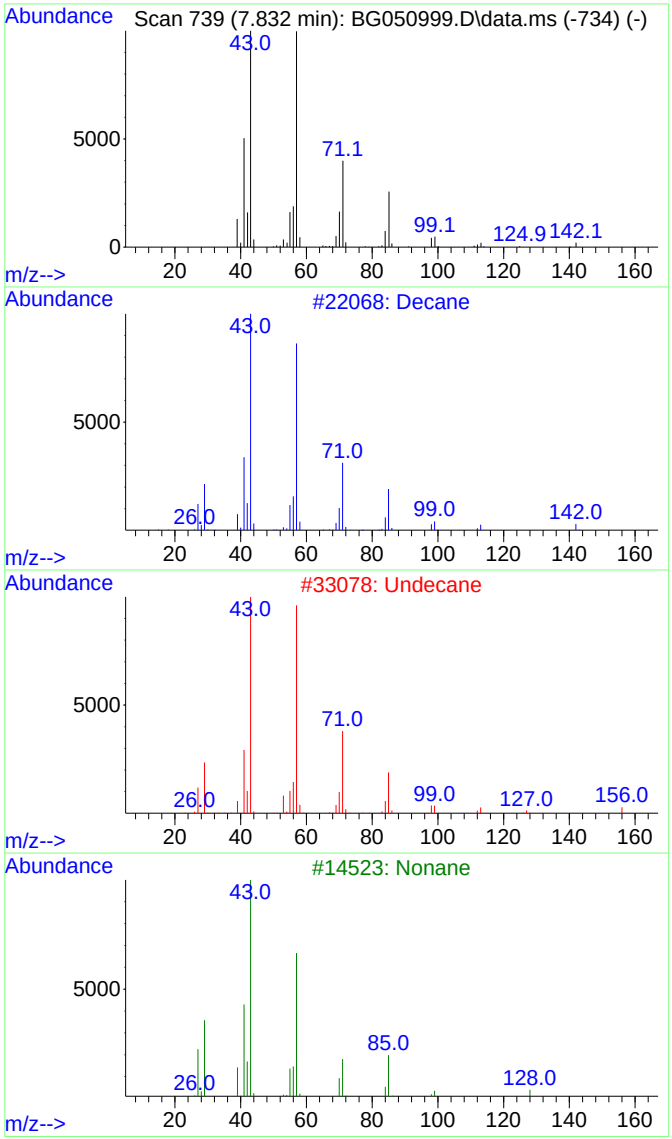
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

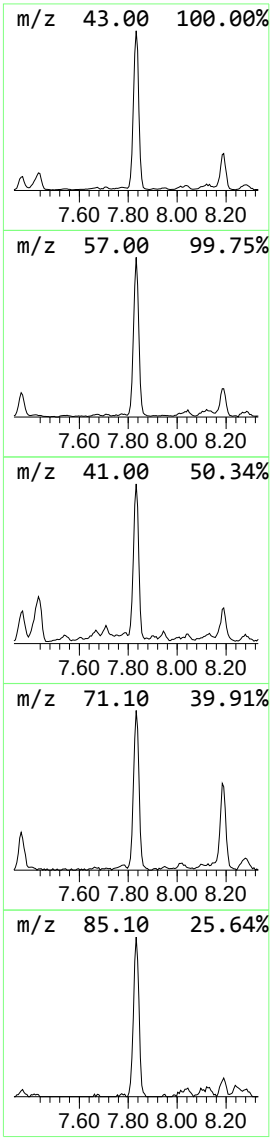
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.832 | 32.67 ng/ul | 358929 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane | 142 | C10H22 | 000124-18-5 | 91 |
| 2 | Undecane | 156 | C11H24 | 001120-21-4 | 83 |
| 3 | Nonane | 128 | C9H20 | 000111-84-2 | 80 |
| 4 | Decane | 142 | C10H22 | 000124-18-5 | 80 |
| 5 | Nonane | 128 | C9H20 | 000111-84-2 | 80 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

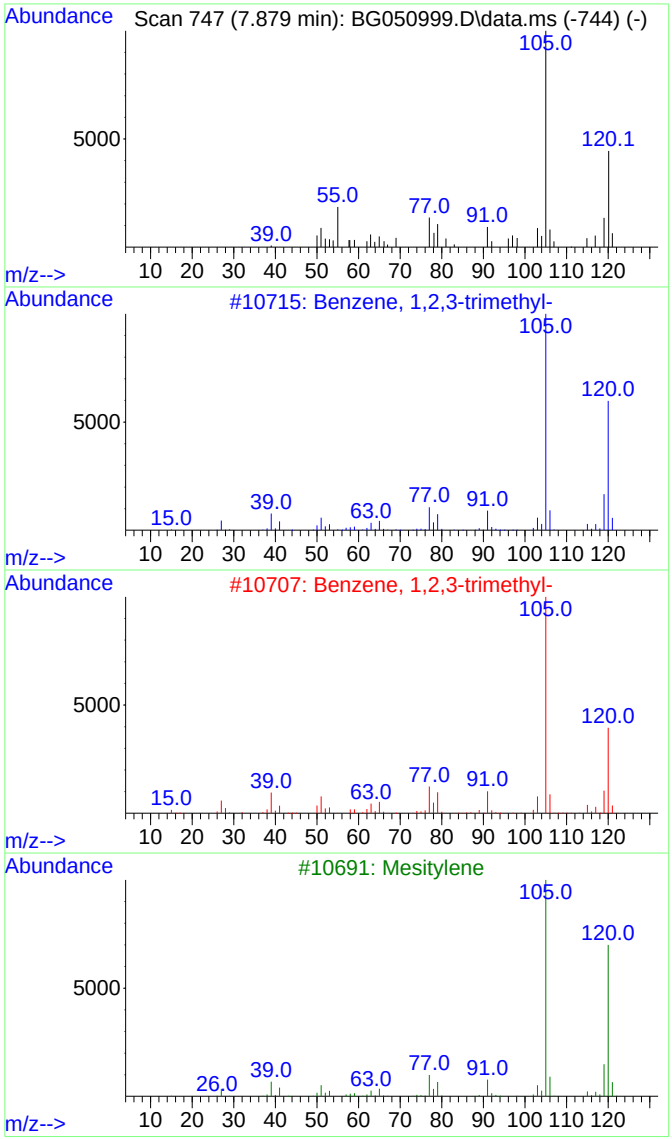
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

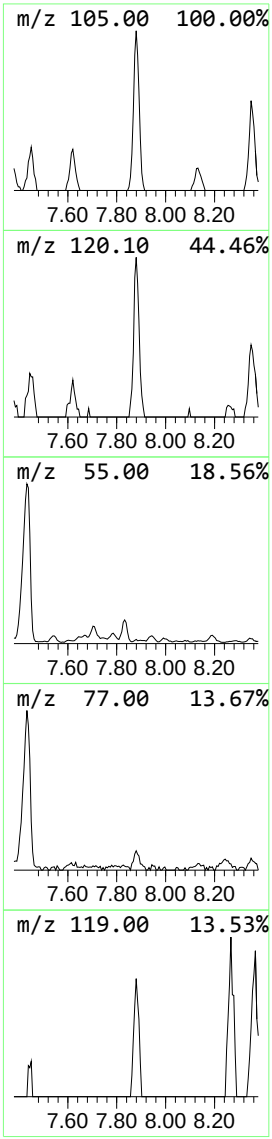
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 20 Benzene, 1,2,3-trimethyl- Concentration Rank 26

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.879 | 3.31 ng/ul | 36321 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 87 |
| 2 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 87 |
| 3 | Mesitylene | 120 | C9H12 | 000108-67-8 | 87 |
| 4 | Mesitylene | 120 | C9H12 | 000108-67-8 | 87 |
| 5 | Mesitylene | 120 | C9H12 | 000108-67-8 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

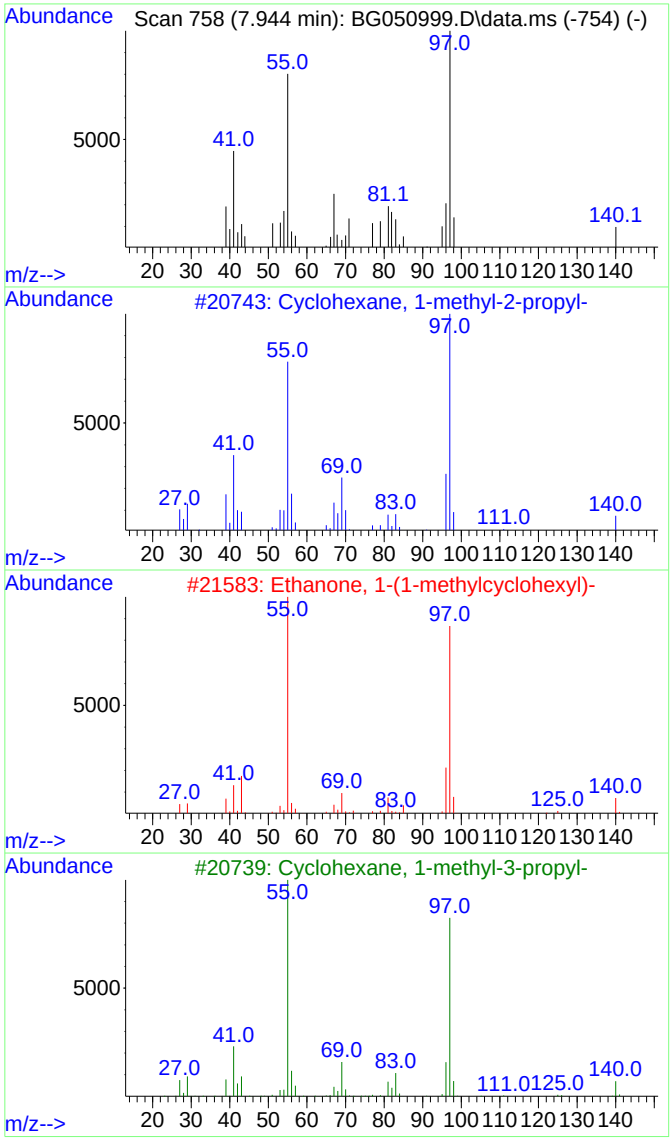
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

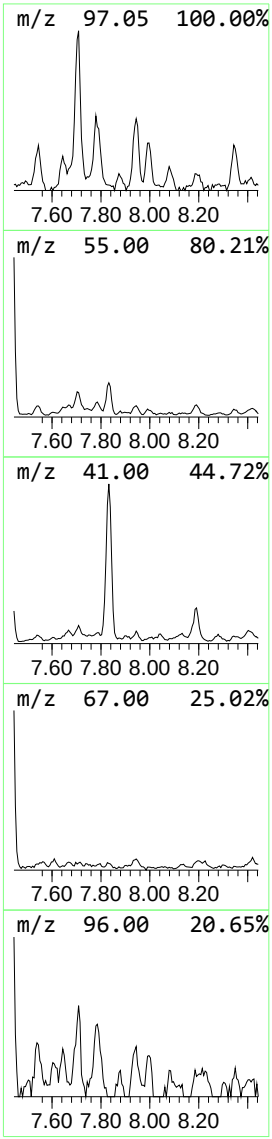
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 21 (DEL) Alkane: Cyclic7.944 Concentration Rank 32

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.944 | 2.64 ng/ul | 29014 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1-methyl-2-propyl- | 140 | C10H20 | 004291-79-6 | 72 |
| 2 | Ethanone, 1-(1-methylcyclohexyl)- | 140 | C9H16O | 002890-62-2 | 59 |
| 3 | Cyclohexane, 1-methyl-3-propyl- | 140 | C10H20 | 004291-80-9 | 58 |
| 4 | Cyclohexane, 1-ethyl-2-methyl- | 126 | C9H18 | 003728-54-9 | 53 |
| 5 | Sulfurous acid, cyclohexylmethyl... | 332 | C18H36O3S | 1000309-21-9 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

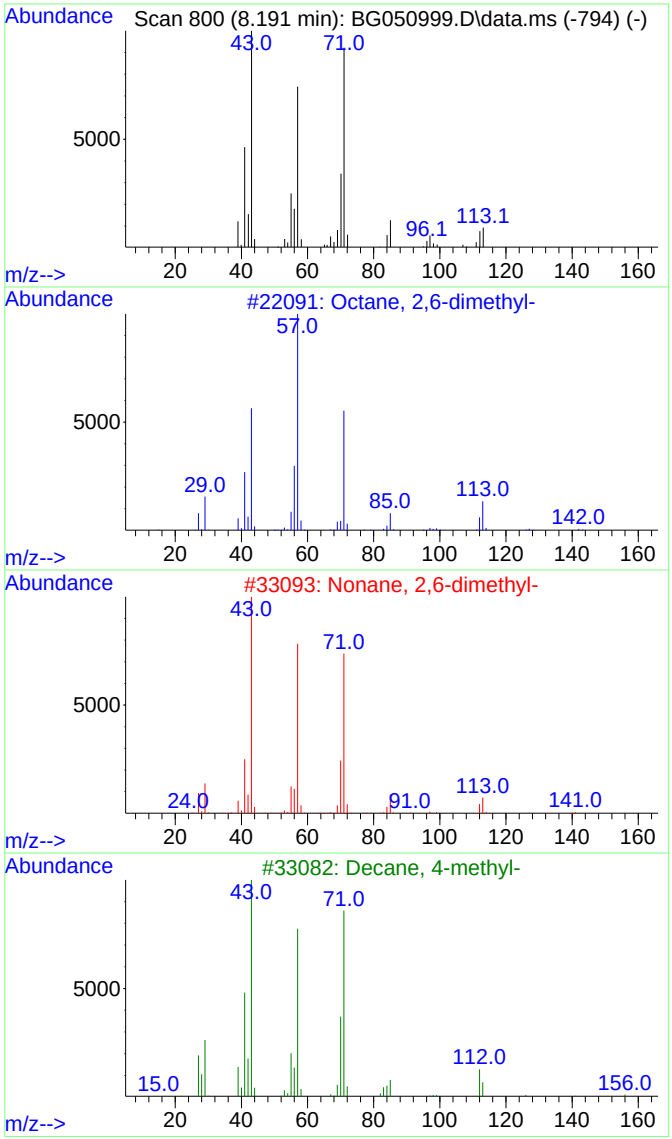
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

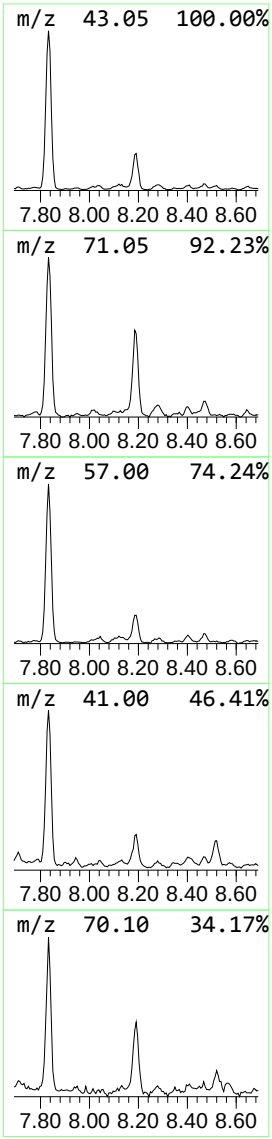
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.191 | 8.07 ng/ul | 88676 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Octane, 2,6-dimethyl- | 142 | C10H22 | 002051-30-1 | 86 |
| 2 | Nonane, 2,6-dimethyl- | 156 | C11H24 | 017302-28-2 | 83 |
| 3 | Decane, 4-methyl- | 156 | C11H24 | 002847-72-5 | 83 |
| 4 | Decane, 4-methyl- | 156 | C11H24 | 002847-72-5 | 83 |
| 5 | Octane, 3,3-dimethyl- | 142 | C10H22 | 004110-44-5 | 78 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

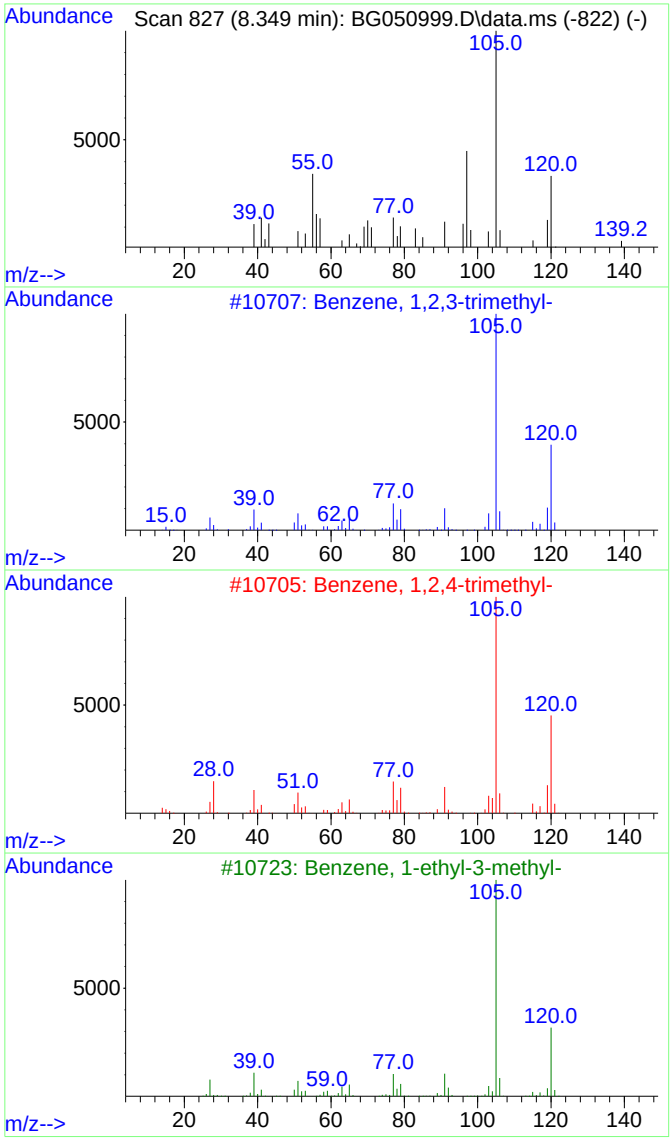
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

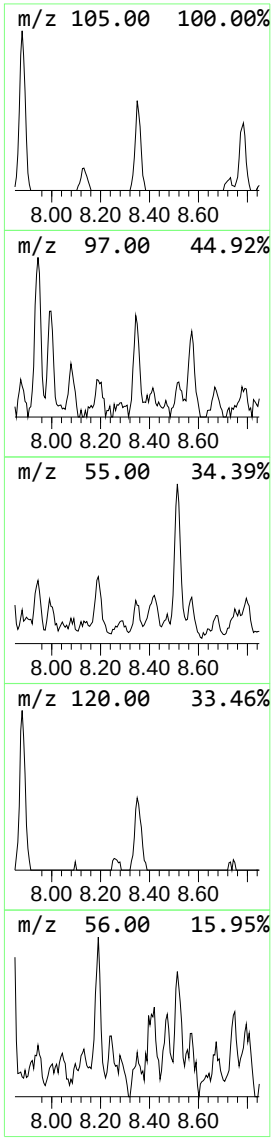
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 23 unknown-03 Concentration Rank 25

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.349 | 3.62 ng/ul | 39796 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 45 |
| 2 | Benzene, 1,2,4-trimethyl- | 120 | C9H12 | 000095-63-6 | 45 |
| 3 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 43 |
| 4 | Benzene, 1-ethyl-3-methyl- | 120 | C9H12 | 000620-14-4 | 43 |
| 5 | Benzene, 1,2,3-trimethyl- | 120 | C9H12 | 000526-73-8 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

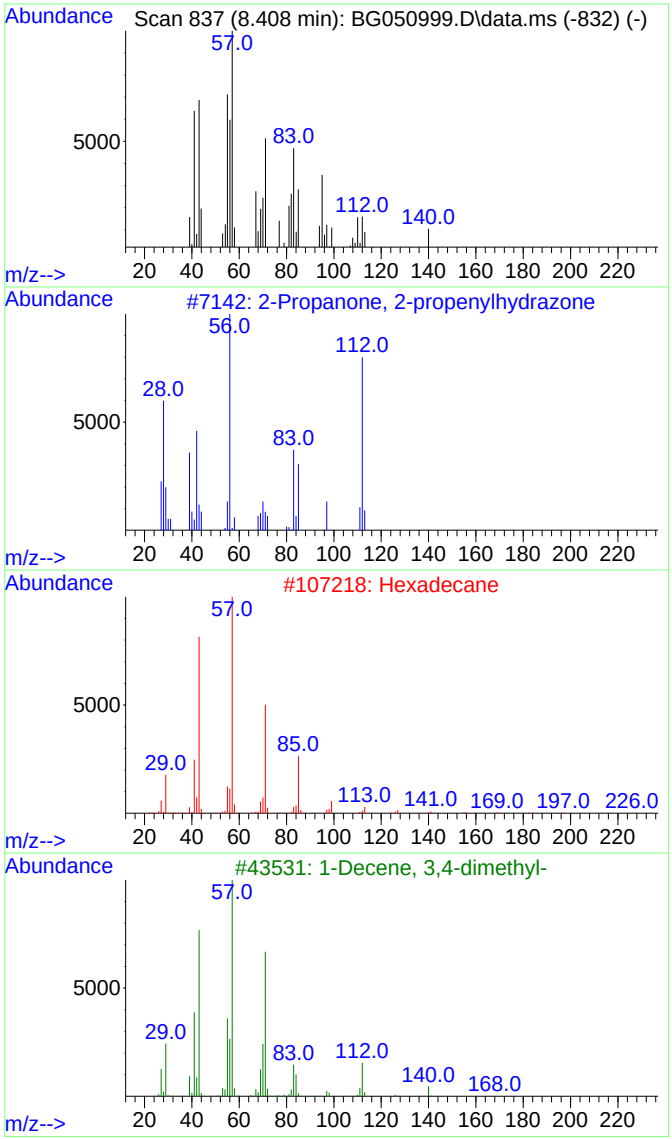
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

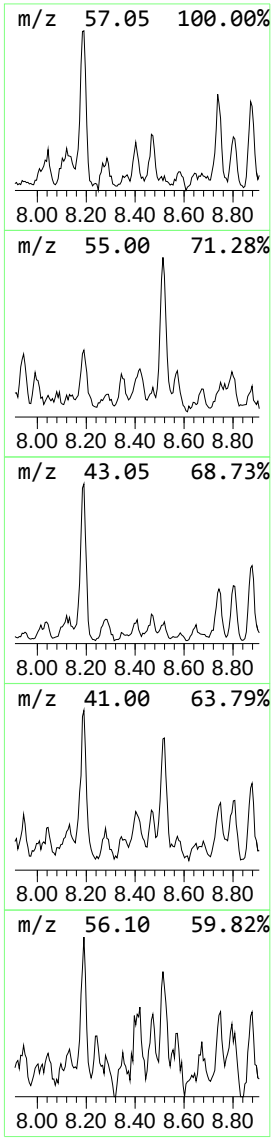
**********

Peak Number 24 unknown-04 Concentration Rank 30

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.408 | 2.71 ng/ul | 29807 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Propanone, 2-propenylhydrazone | 112 | C6H12N2 | 019031-79-9 | 38 |
| 2 | Hexadecane | 226 | C16H34 | 000544-76-3 | 27 |
| 3 | 1-Decene, 3,4-dimethyl- | 168 | C12H24 | 050871-03-9 | 27 |
| 4 | Hydroxylamine, O-decyl- | 173 | C10H23NO | 029812-79-1 | 22 |
| 5 | Hexadecane | 226 | C16H34 | 000544-76-3 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

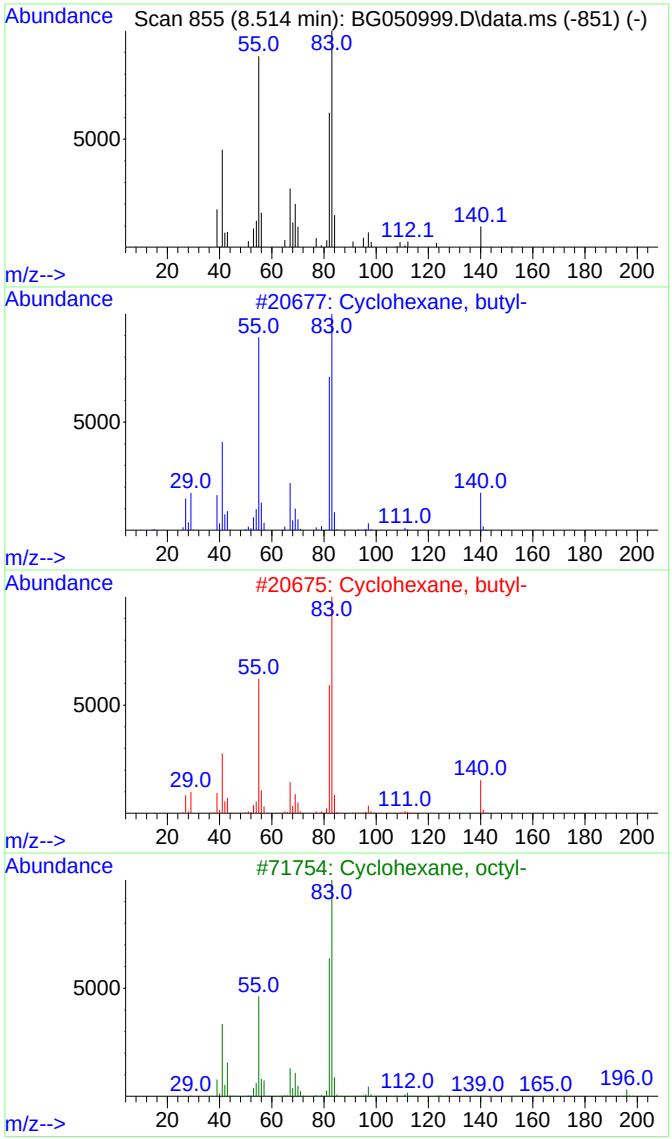
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

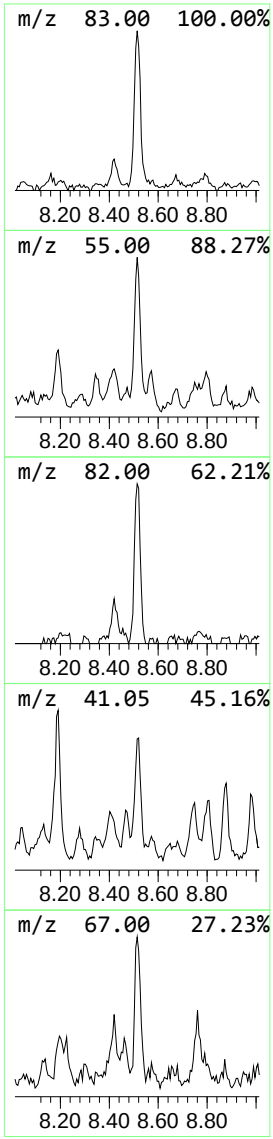
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 25 (DEL) Alkane: Cyclic8.514 Concentration Rank 16

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.514 | 7.21 ng/ul | 79229 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 90 |
| 2 | Cyclohexane, butyl- | 140 | C10H20 | 001678-93-9 | 80 |
| 3 | Cyclohexane, octyl- | 196 | C14H28 | 001795-15-9 | 78 |
| 4 | Cyclohexane, octyl- | 196 | C14H28 | 001795-15-9 | 78 |
| 5 | Cyclohexane, propyl- | 126 | C9H18 | 001678-92-8 | 72 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

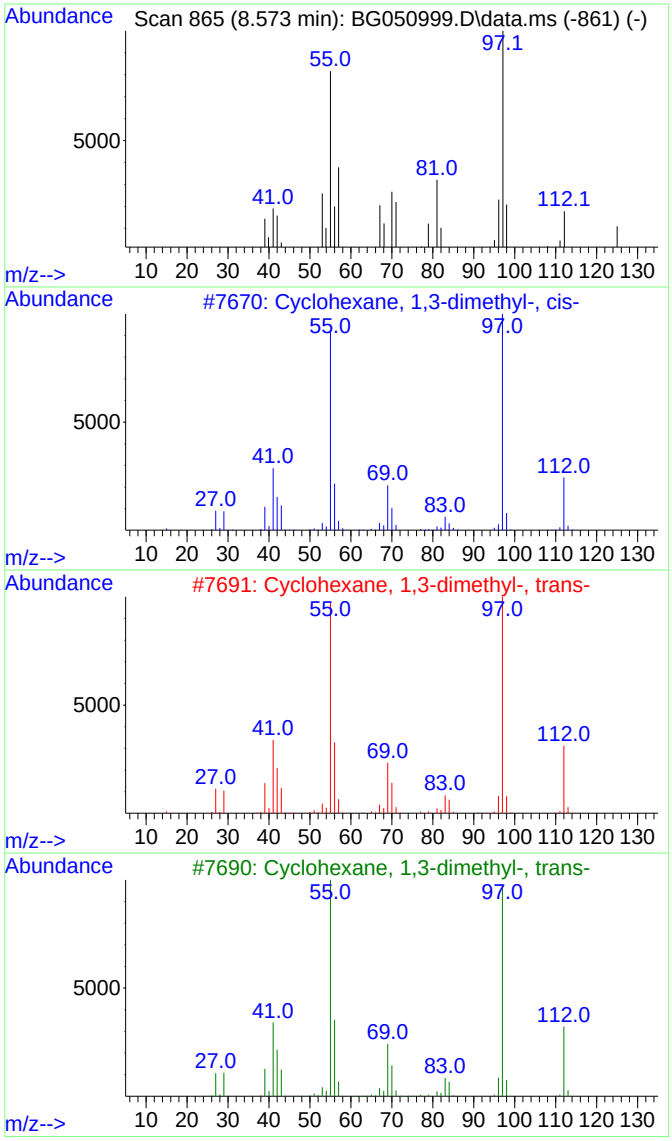
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

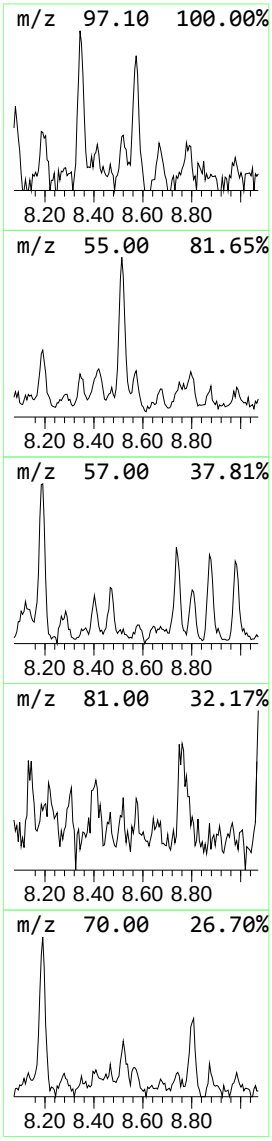
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 26 (DEL) Alkane: Cyclic8.573 Concentration Rank 41

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.573 | 2.05 ng/ul | 22549 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclohexane, 1,3-dimethyl-, cis- | 112 | C8H16 | 000638-04-0 | 47 |
| 2 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 47 |
| 3 | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16 | 002207-03-6 | 47 |
| 4 | 2-Cyclohexen-1-ol, 1-methyl- | 112 | C7H12O | 023758-27-2 | 38 |
| 5 | Cyclopentane, 1,1'-ethylidenebis- | 166 | C12H22 | 004413-21-2 | 38 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

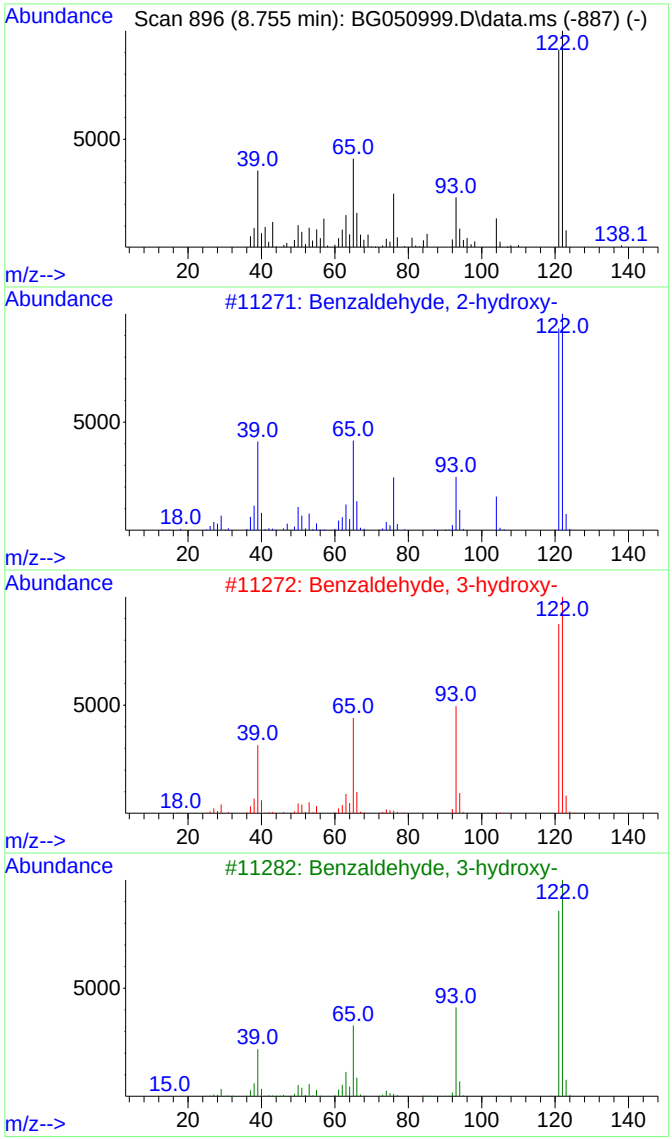
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

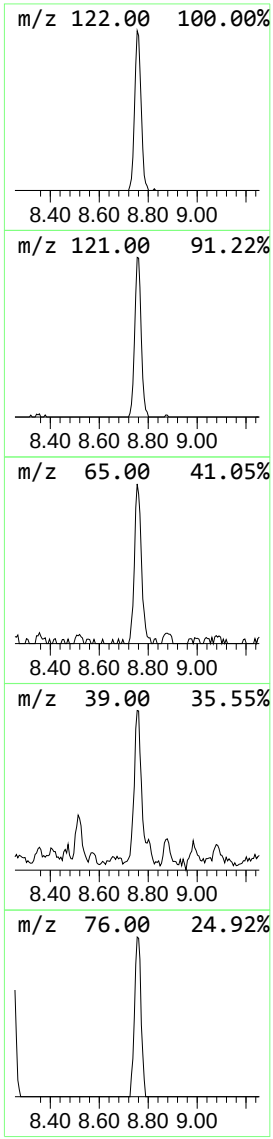
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 27 Benzaldehyde, 2-hydroxy- Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.755 | 18.20 ng/ul | 199957 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzaldehyde, 2-hydroxy- | 122 | C7H6O2 | 000090-02-8 | 98 |
| 2 | Benzaldehyde, 3-hydroxy- | 122 | C7H6O2 | 000100-83-4 | 93 |
| 3 | Benzaldehyde, 3-hydroxy- | 122 | C7H6O2 | 000100-83-4 | 91 |
| 4 | Benzaldehyde, 2-hydroxy- | 122 | C7H6O2 | 000090-02-8 | 91 |
| 5 | Benzaldehyde, 3-hydroxy- | 122 | C7H6O2 | 000100-83-4 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

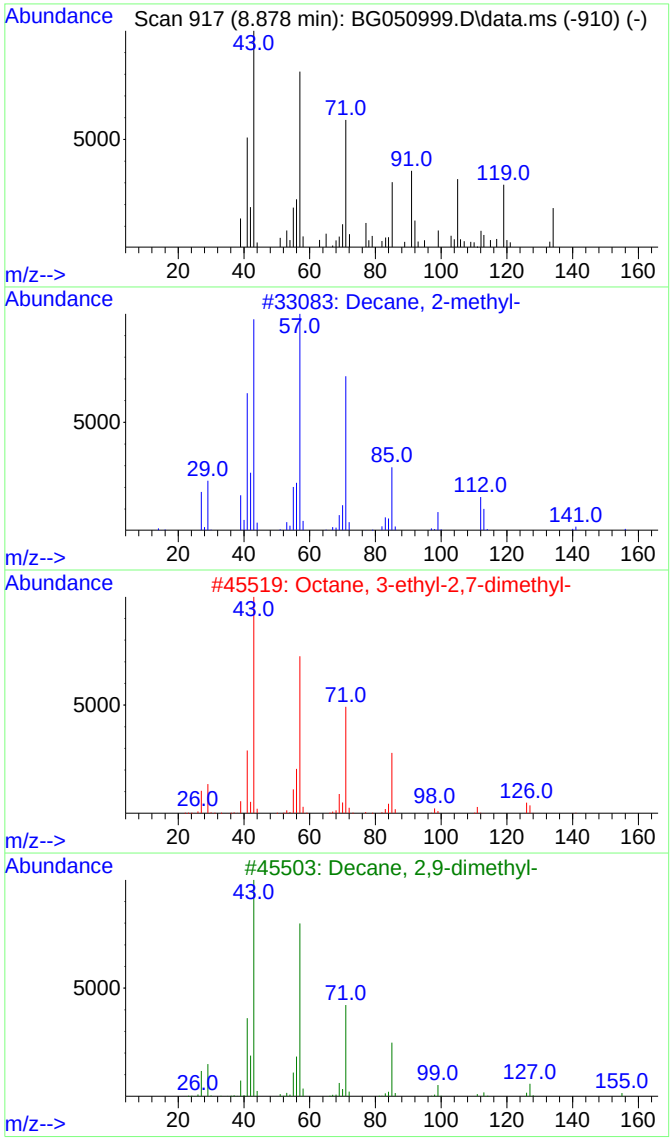
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

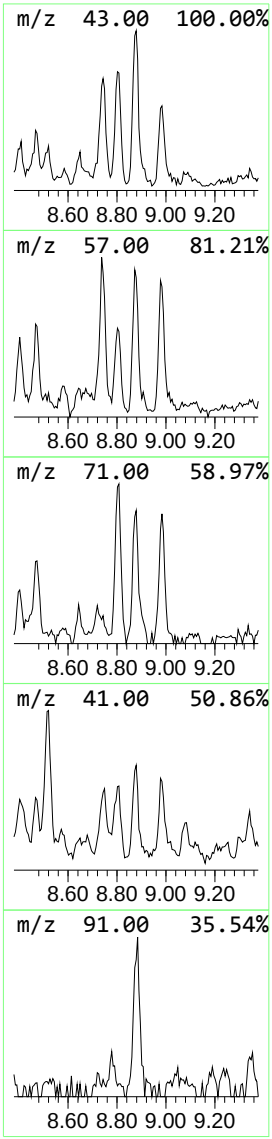
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 17

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.878 | 6.81 ng/ul | 74808 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 2-methyl- | 156 | C11H24 | 006975-98-0 | 43 |
| 2 | Octane, 3-ethyl-2,7-dimethyl- | 170 | C12H26 | 062183-55-5 | 43 |
| 3 | Decane, 2,9-dimethyl- | 170 | C12H26 | 001002-17-1 | 43 |
| 4 | 1-Iodo-2-methylnonane | 268 | C10H21I | 1000101-47-9 | 43 |
| 5 | 1-Iodo-2-methylundecane | 296 | C12H25I | 073105-67-6 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

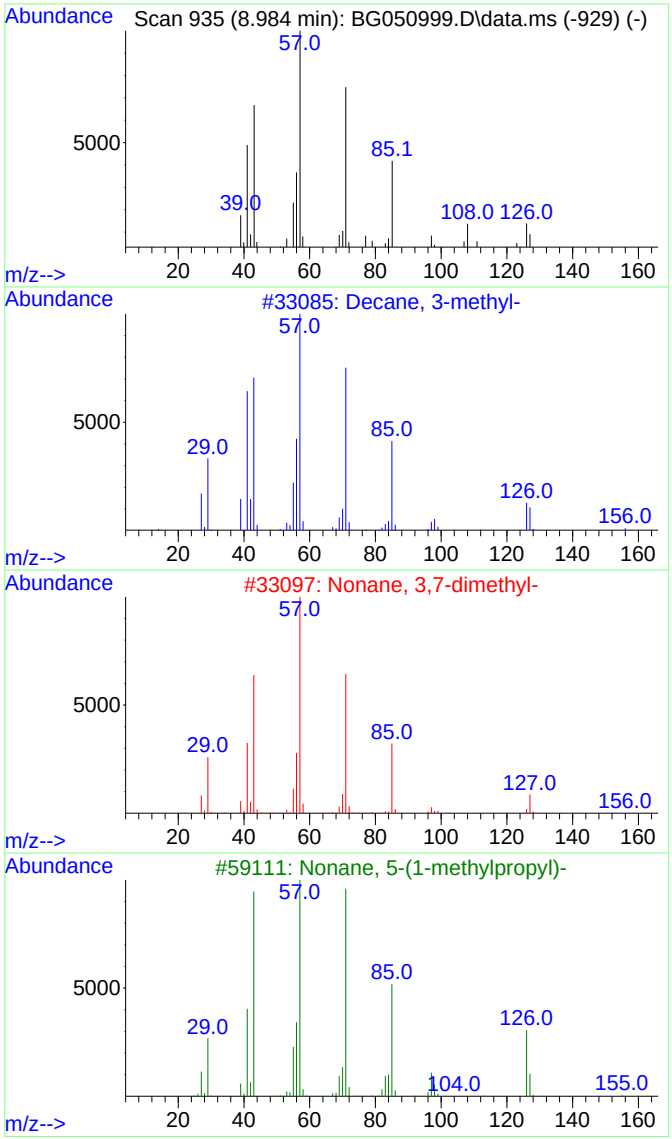
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

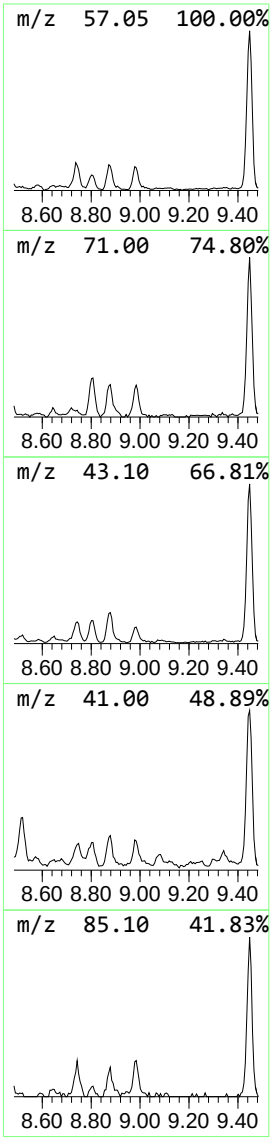
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 21

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.984 | 4.47 ng/ul | 49120 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Decane, 3-methyl- | 156 | C11H24 | 013151-34-3 | 72 |
| 2 | Nonane, 3,7-dimethyl- | 156 | C11H24 | 017302-32-8 | 72 |
| 3 | Nonane, 5-(1-methylpropyl)- | 184 | C13H28 | 062185-54-0 | 64 |
| 4 | Tridecane, 6-methyl- | 198 | C14H30 | 013287-21-3 | 64 |
| 5 | Tetradecane | 198 | C14H30 | 000629-59-4 | 59 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

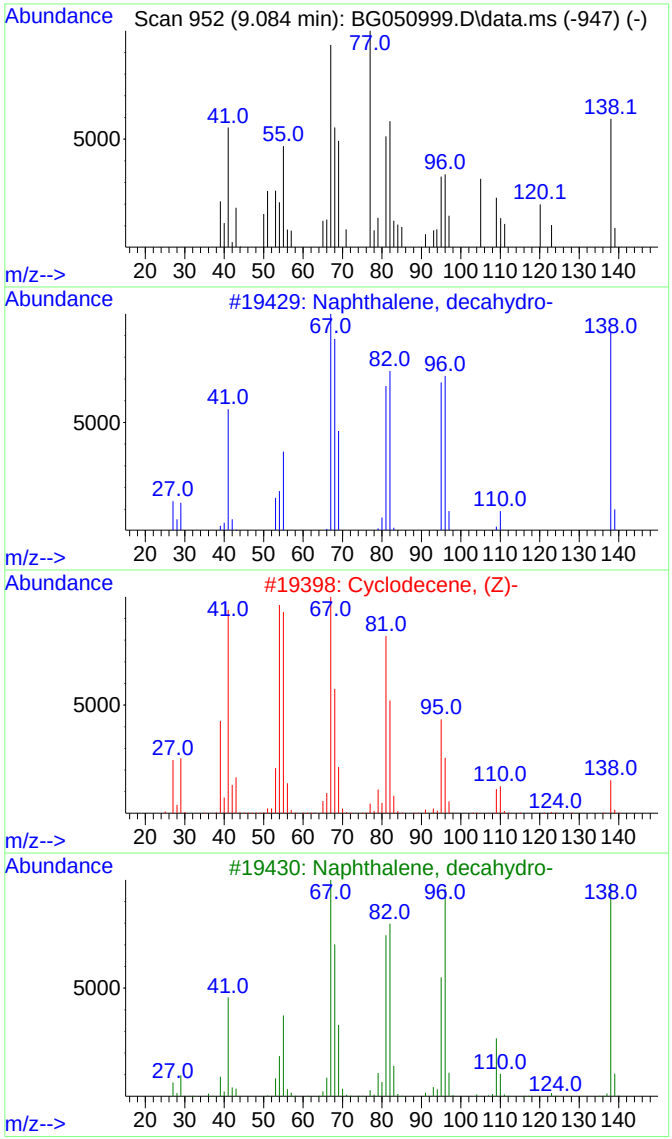
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

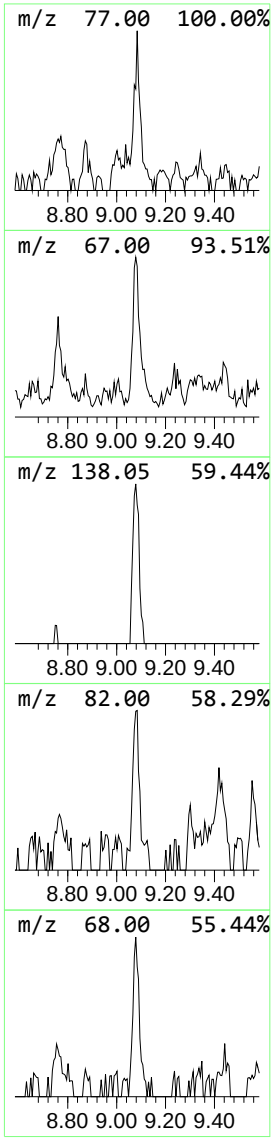
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 30 Naphthalene, decahydro- Concentration Rank 27

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.084 | 3.30 ng/ul | 36269 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Naphthalene, decahydro- | 138 | C10H18 | 000091-17-8 | 58 |
| 2 | Cyclodecene, (Z)- | 138 | C10H18 | 000935-31-9 | 58 |
| 3 | Naphthalene, decahydro- | 138 | C10H18 | 000091-17-8 | 55 |
| 4 | Naphthalene, decahydro- | 138 | C10H18 | 000091-17-8 | 52 |
| 5 | 9-Oxabicyclo[3.3.1]non-6-en-3-one | 138 | C8H10O2 | 1000190-65-0 | 52 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

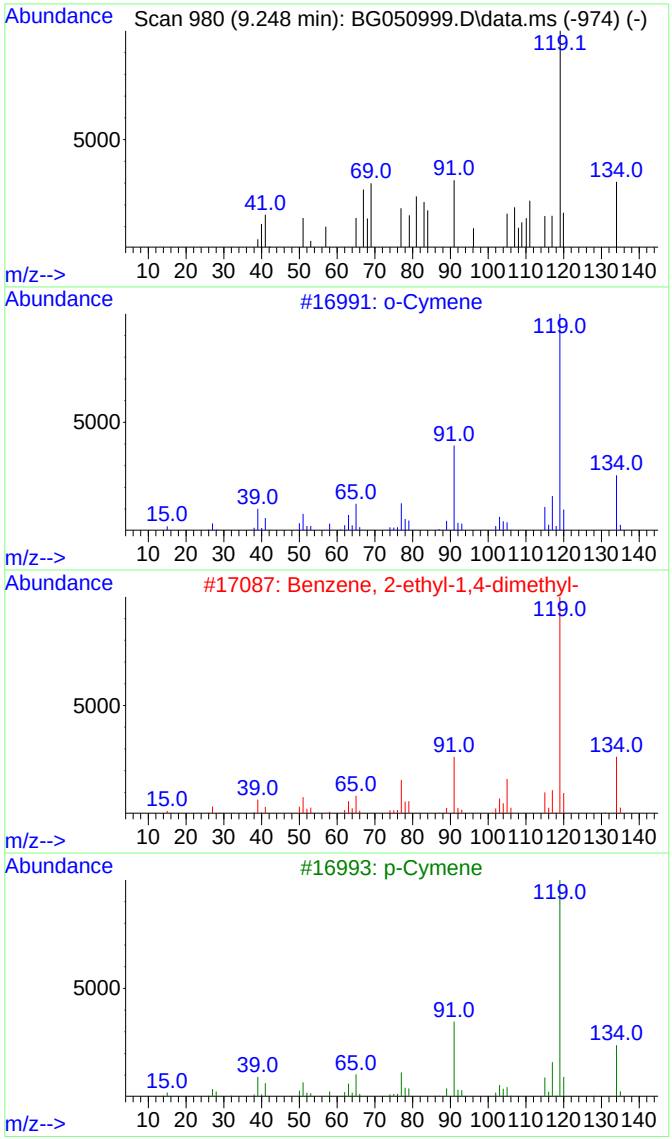
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

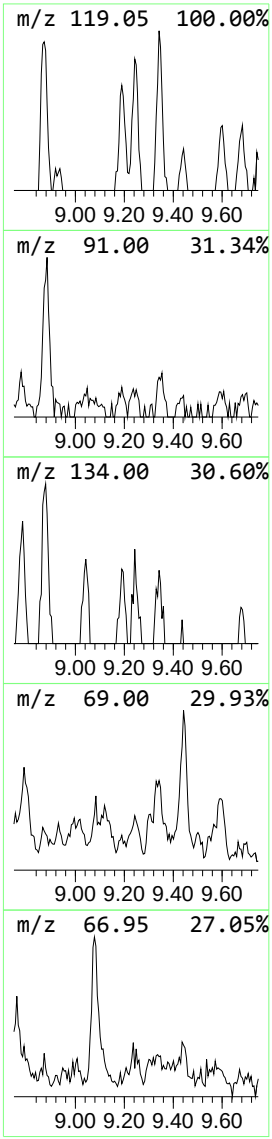
**********

Peak Number 31 unknown-05 Concentration Rank 40

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.248 | 2.13 ng/ul | 23366 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | o-Cymene | 134 | C10H14 | 000527-84-4 | 49 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 49 |
| 3 | p-Cymene | 134 | C10H14 | 000099-87-6 | 49 |
| 4 | Benzene, tert-butyl- | 134 | C10H14 | 000098-06-6 | 49 |
| 5 | 1,3,8-p-Menthatriene | 134 | C10H14 | 018368-95-1 | 49 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

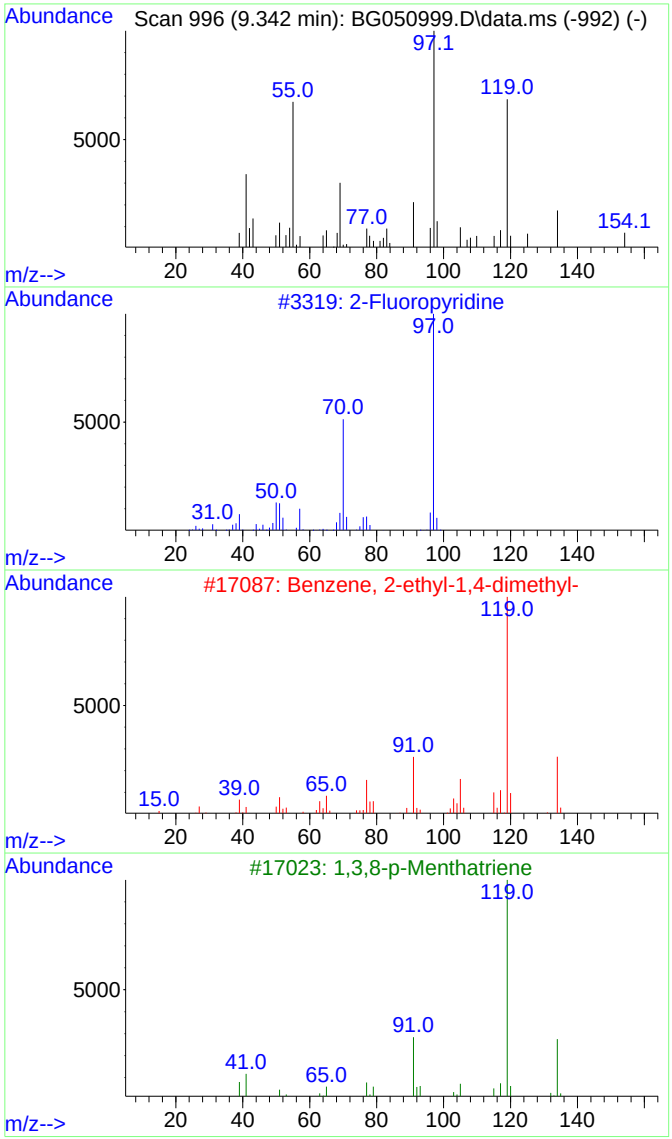
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

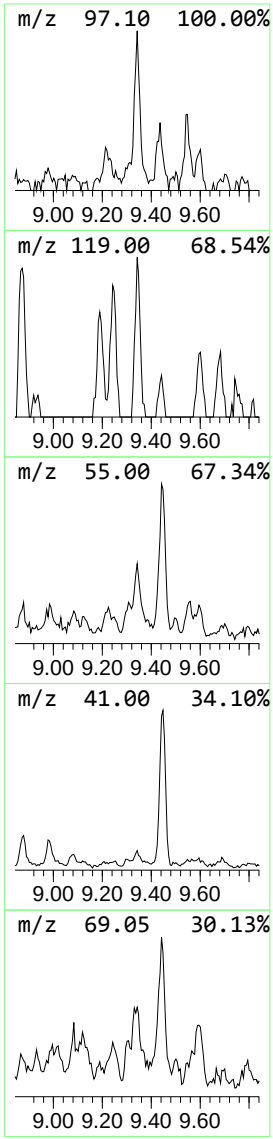
**********

Peak Number 32 unknown-06 Concentration Rank 23

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.342 | 3.99 ng/ul | 43832 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-Fluoropyridine | 97 | C5H4FN | 000372-48-5 | 46 |
| 2 | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14 | 001758-88-9 | 25 |
| 3 | 1,3,8-p-Menthatriene | 134 | C10H14 | 018368-95-1 | 25 |
| 4 | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14 | 000874-41-9 | 25 |
| 5 | p-Cymene | 134 | C10H14 | 000099-87-6 | 25 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

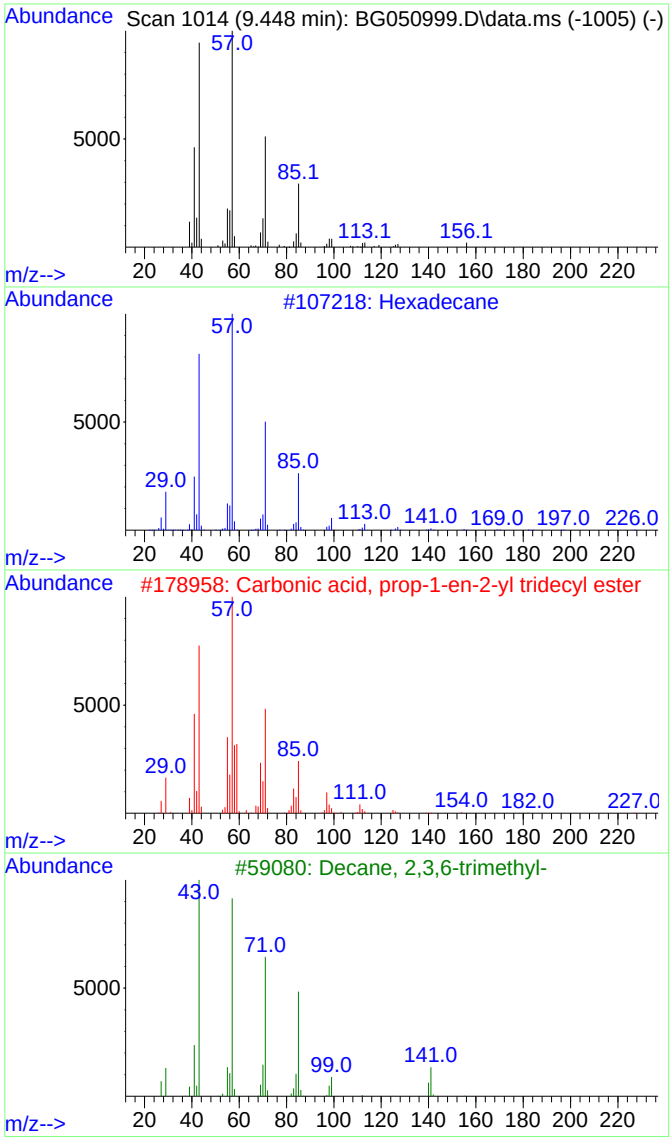
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

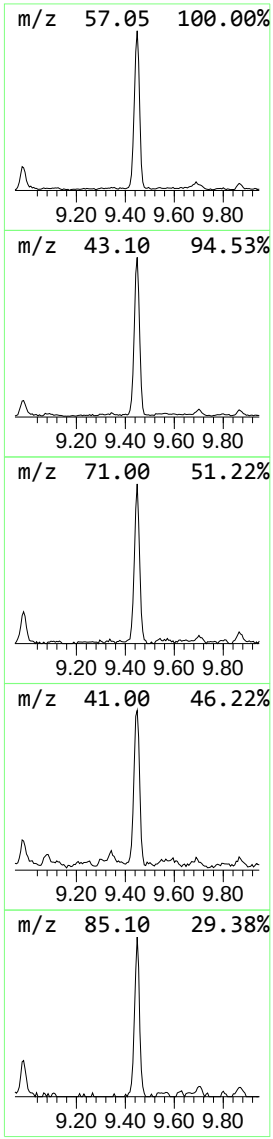
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.448 | 23.07 ng/ul | 253431 | 1,4-Dichlorobenzene-d4 | 8.243 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hexadecane | 226 | C16H34 | 000544-76-3 | 90 |
| 2 | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3 | 1000382-90-8 | 90 |
| 3 | Decane, 2,3,6-trimethyl- | 184 | C13H28 | 062238-12-4 | 90 |
| 4 | Tridecane | 184 | C13H28 | 000629-50-5 | 86 |
| 5 | Undecane | 156 | C11H24 | 001120-21-4 | 68 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

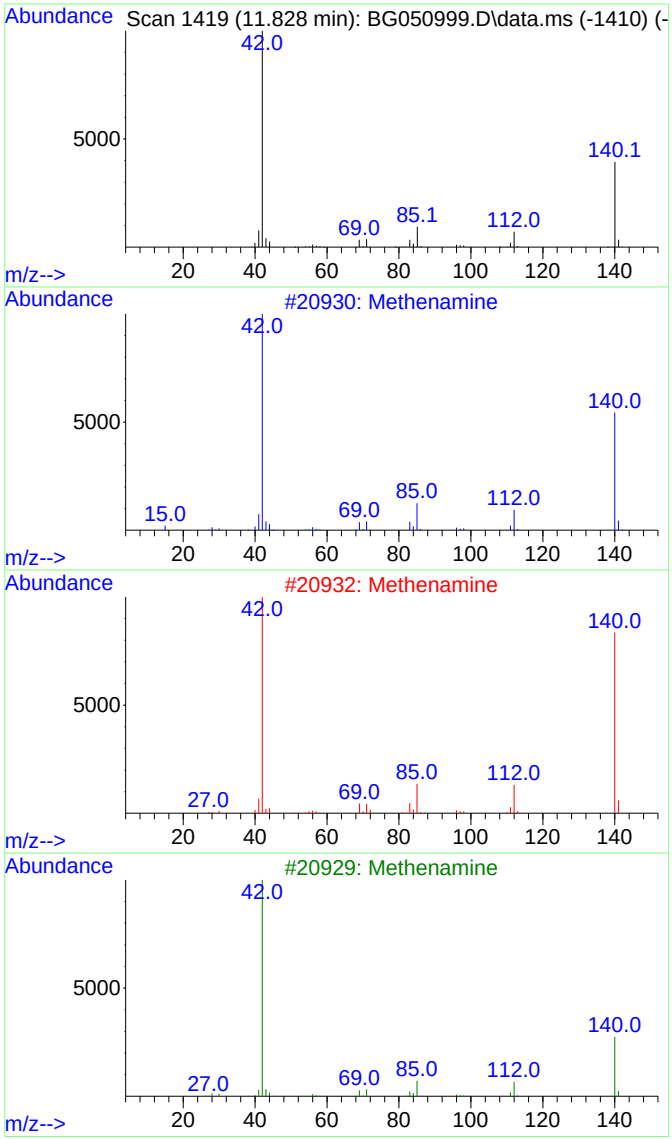
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

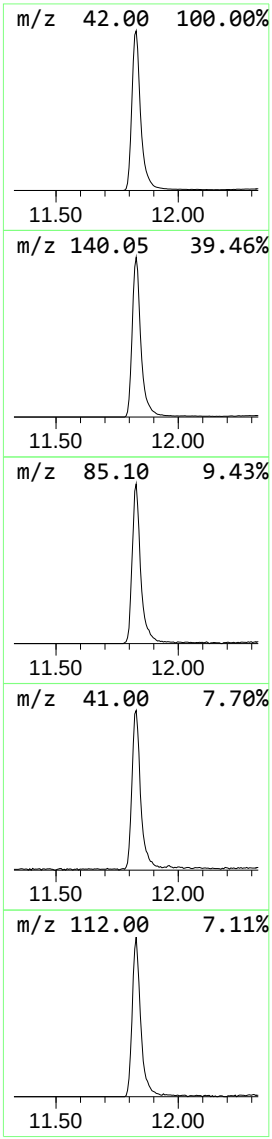
**********

Peak Number 34 Methenamine Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.828 | 136.90 ng/ul | 2087290 | Naphthalene-d8 | 11.070 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Methenamine | 140 | C6H12N4 | 000100-97-0 | 95 |
| 2 | Methenamine | 140 | C6H12N4 | 000100-97-0 | 91 |
| 3 | Methenamine | 140 | C6H12N4 | 000100-97-0 | 91 |
| 4 | Methenamine | 140 | C6H12N4 | 000100-97-0 | 91 |
| 5 | Methenamine | 140 | C6H12N4 | 000100-97-0 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

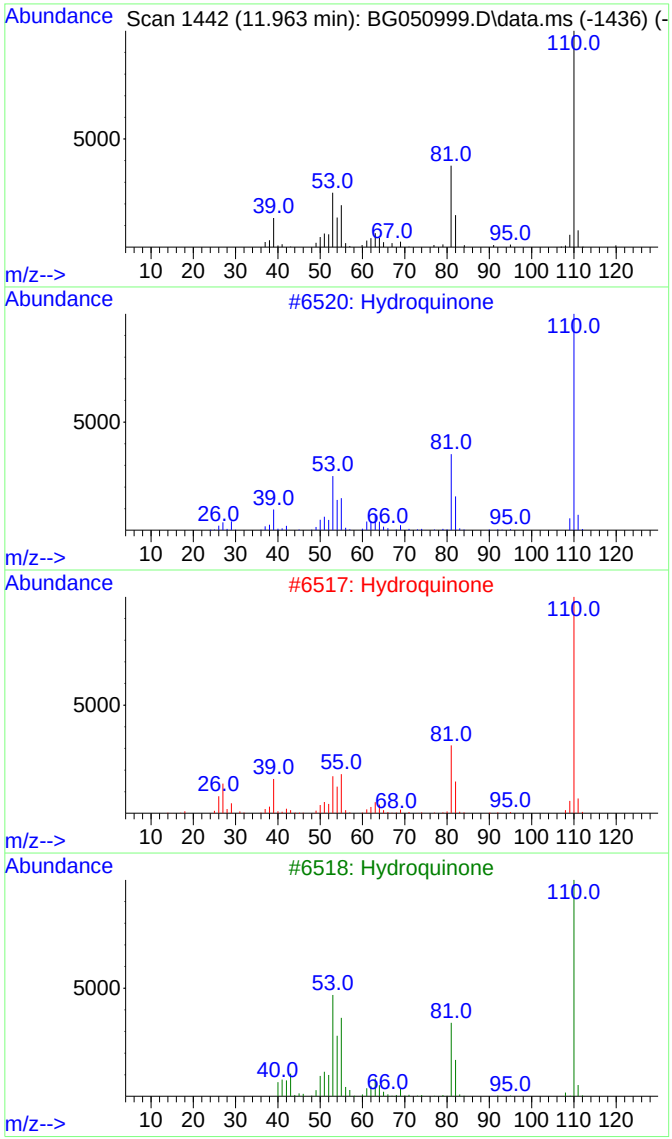
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

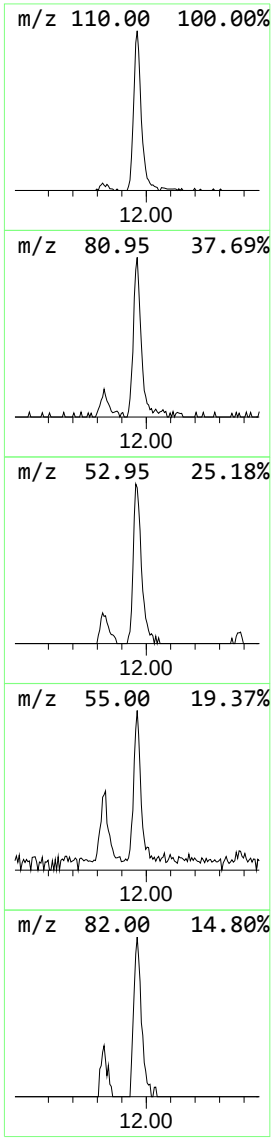
**********

Peak Number 35 Hydroquinone Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.963 | 9.78 ng/ul | 149065 | Naphthalene-d8 | 11.070 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Hydroquinone | 110 | C6H6O2 | 000123-31-9 | 97 |
| 2 | Hydroquinone | 110 | C6H6O2 | 000123-31-9 | 94 |
| 3 | Hydroquinone | 110 | C6H6O2 | 000123-31-9 | 91 |
| 4 | 3(2H)-Pyridazinone, 6-methyl- | 110 | C5H6N2O | 013327-27-0 | 72 |
| 5 | Resorcinol | 110 | C6H6O2 | 000108-46-3 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

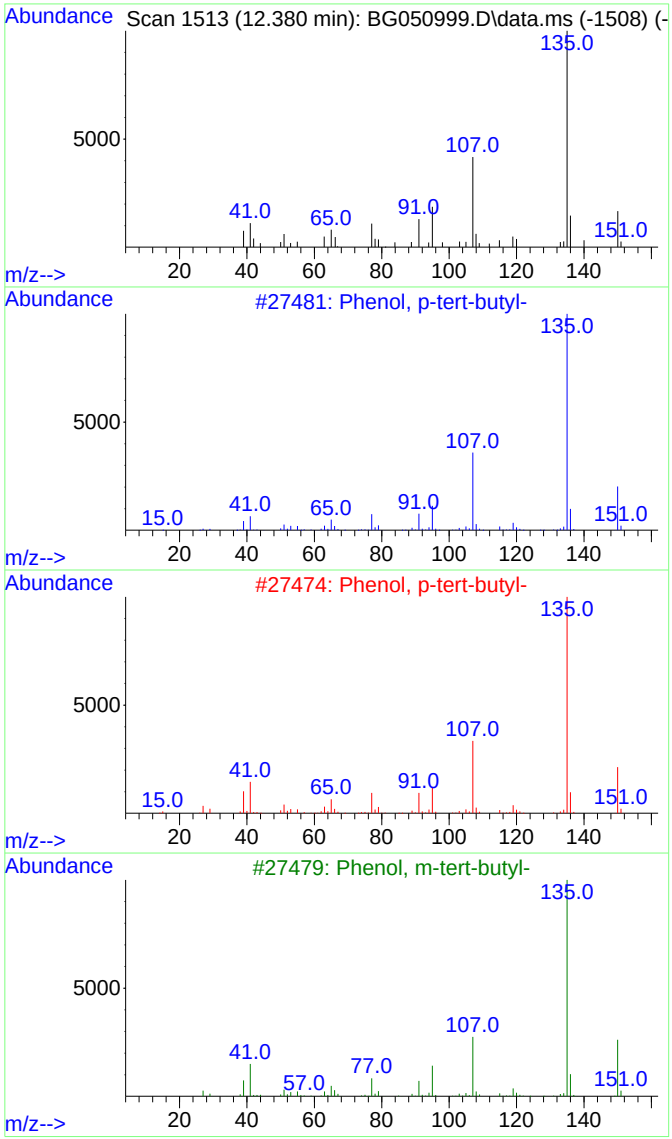
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

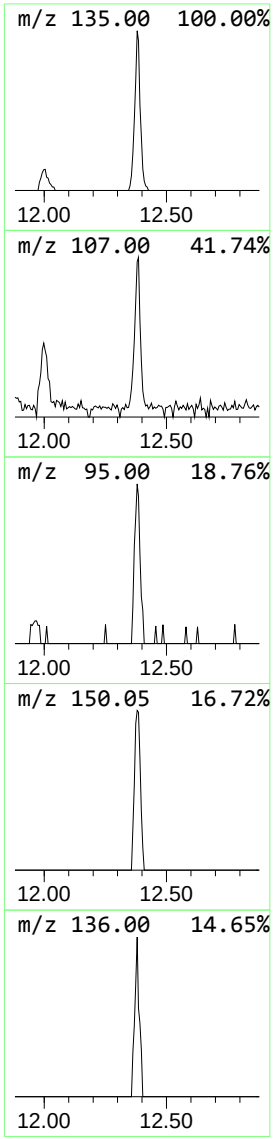
**********

Peak Number 36 Phenol, p-tert-butyl- Concentration Rank 24

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 12.380 | 3.80 ng/ul | 58013 | Naphthalene-d8 | 11.070 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 94 |
| 2 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 94 |
| 3 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 91 |
| 4 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 91 |
| 5 | Phenol, p-tert-butyl- | 150 | C10H14O | 000098-54-4 | 91 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

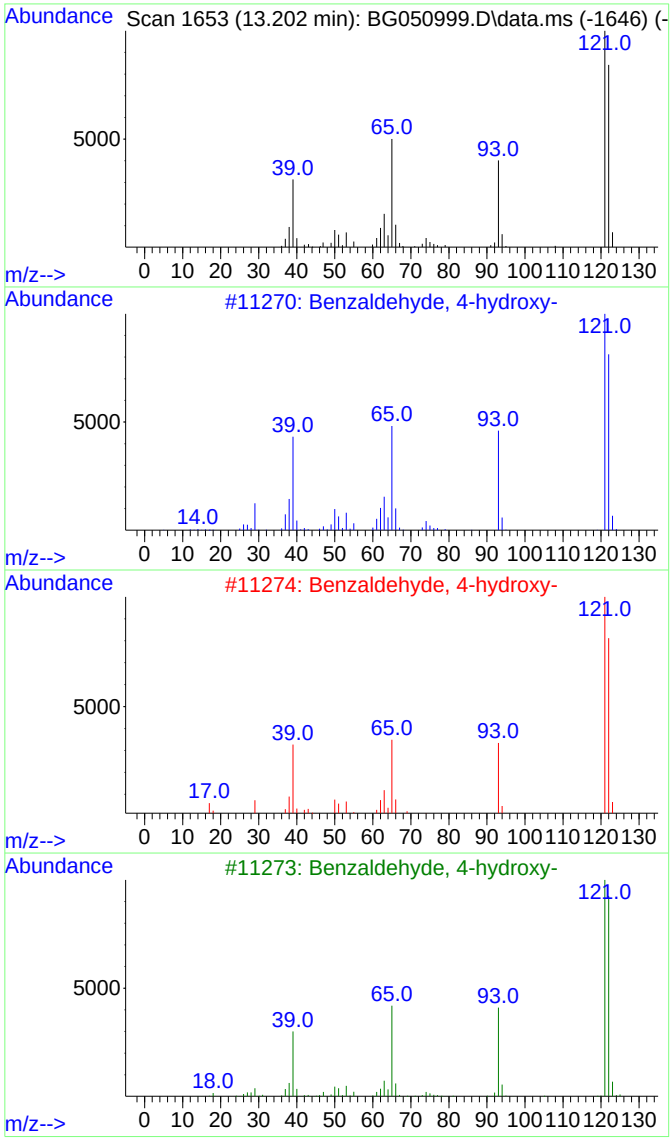
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

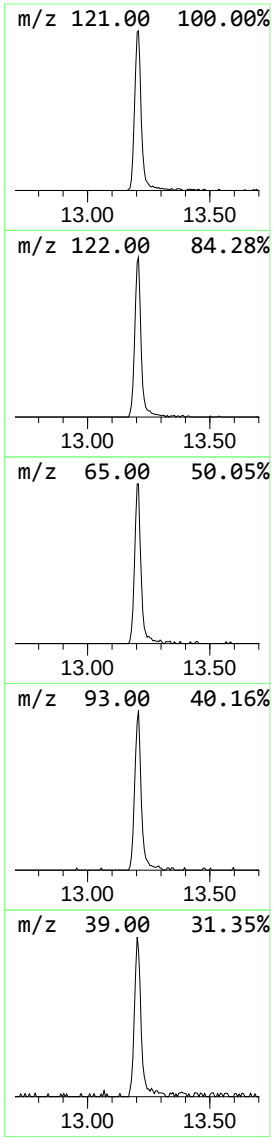
**********

Peak Number 37 Benzaldehyde, 4-hydroxy- Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.202 | 10.68 ng/ul | 231459 | Acenaphthene-d10 | 14.871 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzaldehyde, 4-hydroxy- | 122 | C7H6O2 | 000123-08-0 | 98 |
| 2 | Benzaldehyde, 4-hydroxy- | 122 | C7H6O2 | 000123-08-0 | 96 |
| 3 | Benzaldehyde, 4-hydroxy- | 122 | C7H6O2 | 000123-08-0 | 95 |
| 4 | Benzaldehyde, 4-hydroxy- | 122 | C7H6O2 | 000123-08-0 | 94 |
| 5 | Benzaldehyde, 3-hydroxy- | 122 | C7H6O2 | 000100-83-4 | 94 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

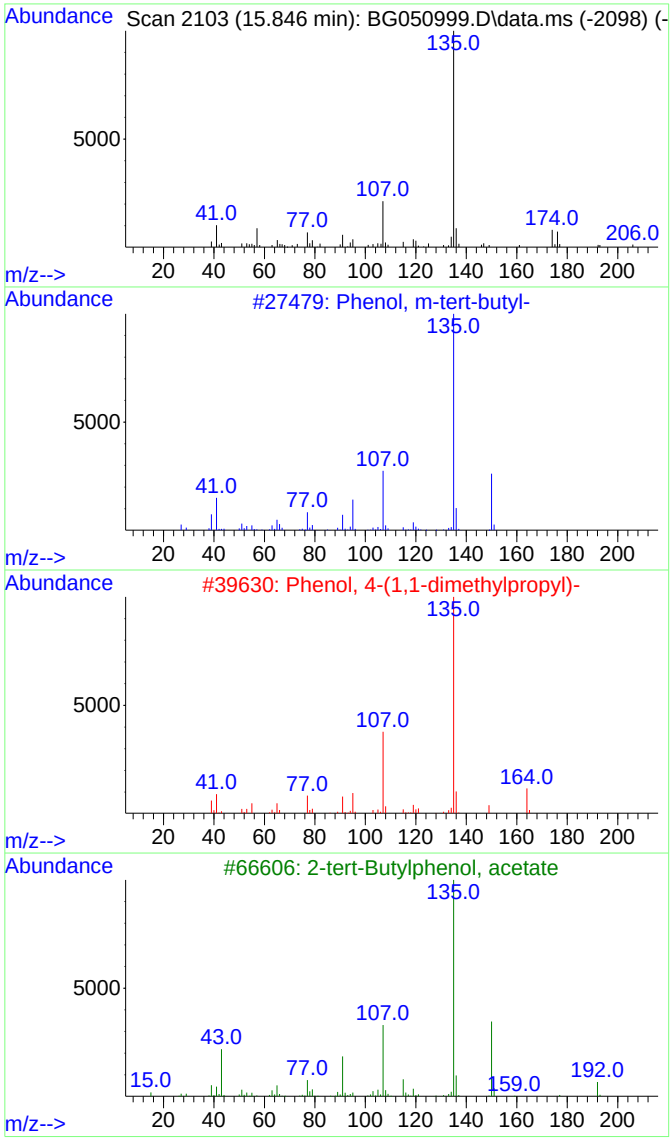
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

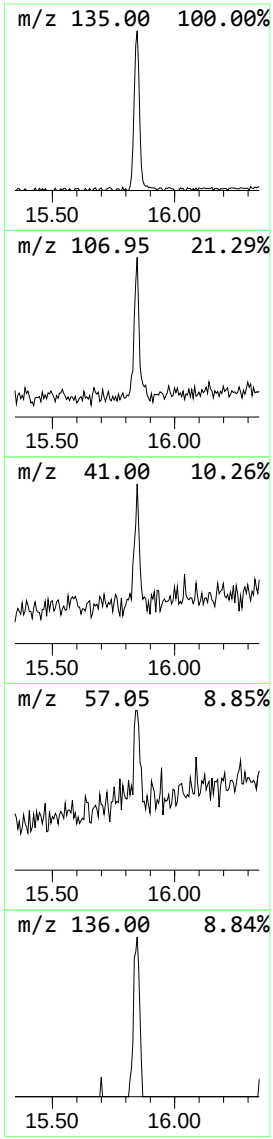
**********

Peak Number 38 Phenol, m-tert-butyl- Concentration Rank 29

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 15.846 | 2.73 ng/ul | 59226 | Acenaphthene-d10 | 14.871 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, m-tert-butyl- | 150 | C10H14O | 000585-34-2 | 72 |
| 2 | Phenol, 4-(1,1-dimethylpropyl)- | 164 | C11H16O | 000080-46-6 | 72 |
| 3 | 2-tert-Butylphenol, acetate | 192 | C12H16O2 | 003245-25-8 | 64 |
| 4 | Benzeneacetonitrile, 4-fluoro- | 135 | C8H6FN | 000459-22-3 | 64 |
| 5 | Benzeneacetonitrile, 3-fluoro- | 135 | C8H6FN | 000501-00-8 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

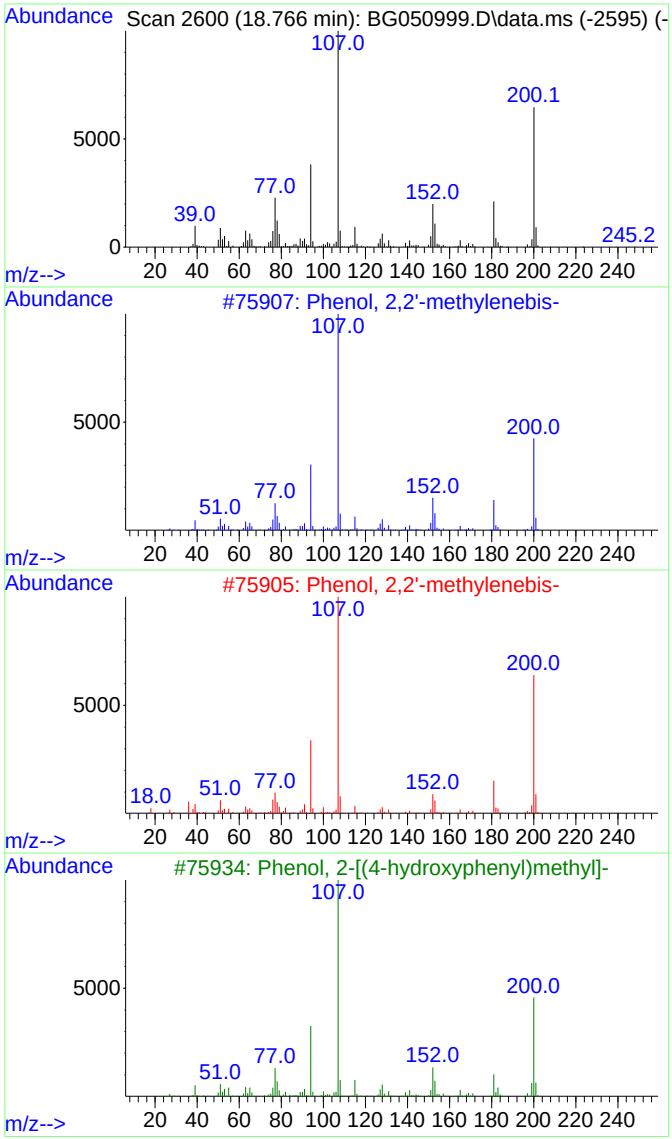
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

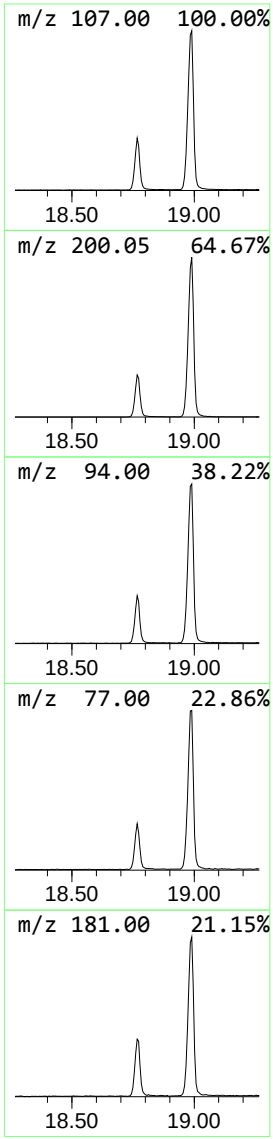
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 39 Phenol, 2,2'-methylenebis- Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.767 | 44.48 ng/ul | 1013100 | Phenanthrene-d10 | 17.615 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2,2'-methylenebis- | 200 | C13H12O2 | 002467-02-9 | 96 |
| 2 | Phenol, 2,2'-methylenebis- | 200 | C13H12O2 | 002467-02-9 | 95 |
| 3 | Phenol, 2-[(4-hydroxyphenyl)meth... | 200 | C13H12O2 | 002467-03-0 | 94 |
| 4 | Phenol, 2,2'-methylenebis- | 200 | C13H12O2 | 002467-02-9 | 90 |
| 5 | Phenol, 2,2'-methylenebis- | 200 | C13H12O2 | 002467-02-9 | 76 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

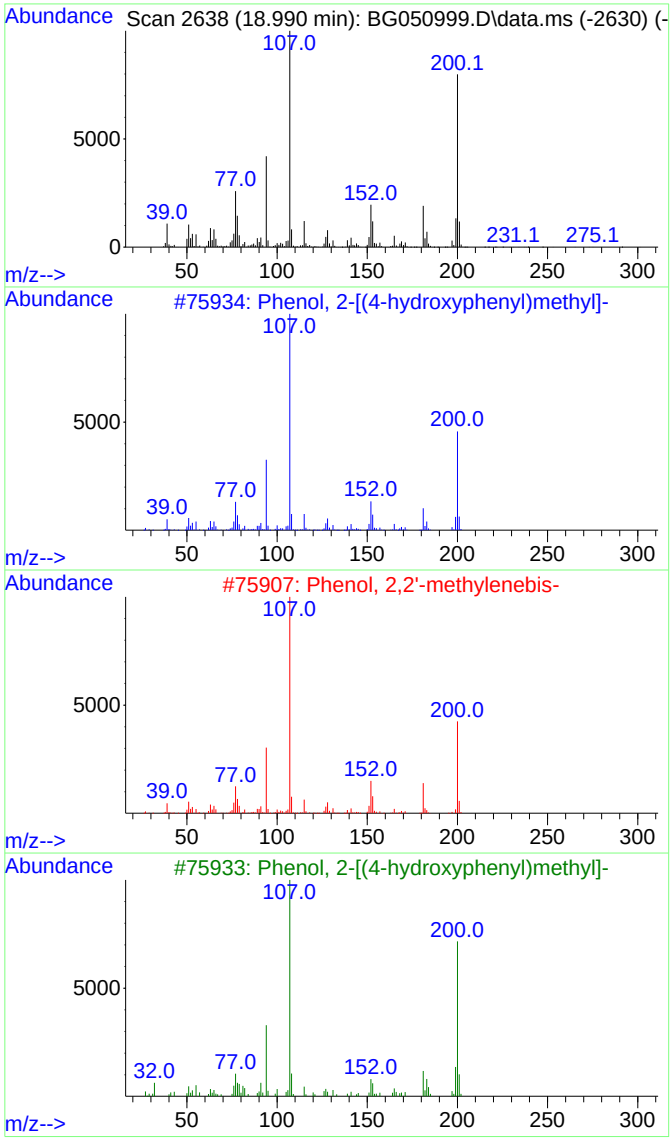
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

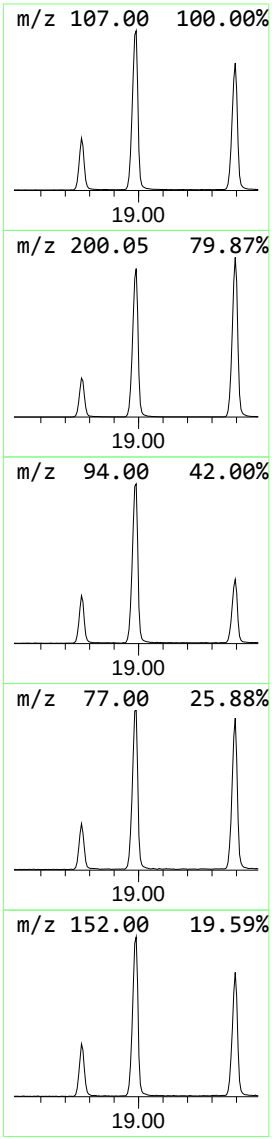
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 40 Phenol, 2-[(4-hydroxyphenyl... Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.990 | 172.41 ng/ul | 3926610 | Phenanthrene-d10 | 17.615 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 2-[(4-hydroxyphenyl)meth... | 200 | C13H12O2 | 002467-03-0 | 96 |
| 2 | Phenol, 2,2'-methylenebis- | 200 | C13H12O2 | 002467-02-9 | 94 |
| 3 | Phenol, 2-[(4-hydroxyphenyl)meth... | 200 | C13H12O2 | 002467-03-0 | 89 |
| 4 | Phenol, 4,4'-methylenebis- | 200 | C13H12O2 | 000620-92-8 | 87 |
| 5 | Phenol, 2,2'-methylenebis- | 200 | C13H12O2 | 002467-02-9 | 87 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

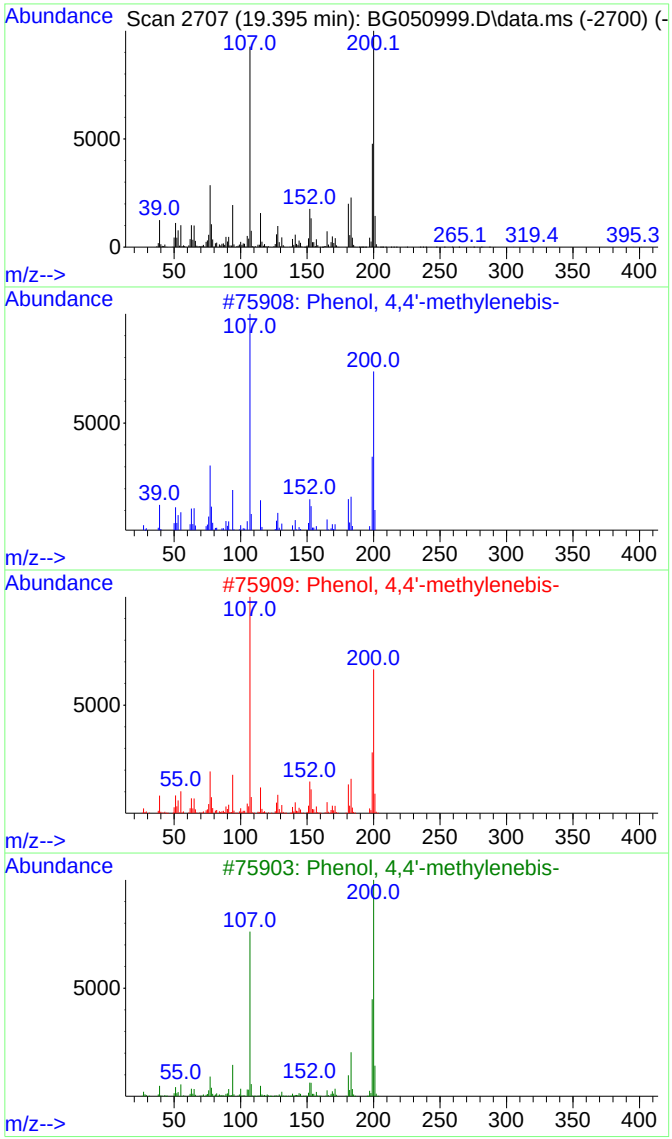
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

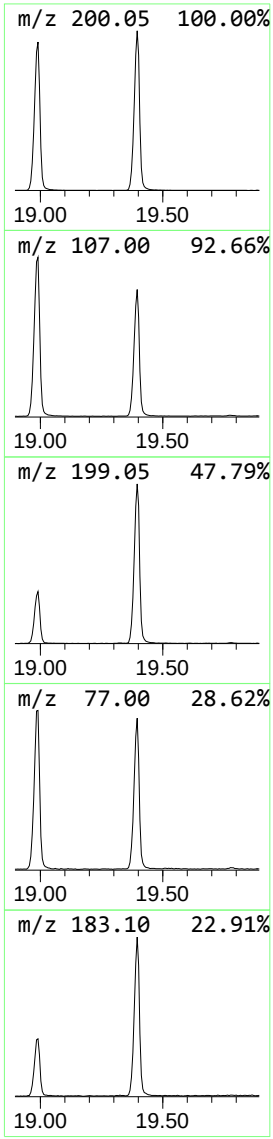
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 41 Phenol, 4,4'-methylenebis- Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 19.395 | 165.15 ng/ul | 3761350 | Phenanthrene-d10 | 17.615 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Phenol, 4,4'-methylenebis- | 200 | C13H12O2 | 000620-92-8 | 99 |
| 2 | Phenol, 4,4'-methylenebis- | 200 | C13H12O2 | 000620-92-8 | 98 |
| 3 | Phenol, 4,4'-methylenebis- | 200 | C13H12O2 | 000620-92-8 | 95 |
| 4 | Phenol, 4,4'-methylenebis- | 200 | C13H12O2 | 000620-92-8 | 93 |
| 5 | Phenol, 2-[(4-hydroxyphenyl)meth... | 200 | C13H12O2 | 002467-03-0 | 89 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

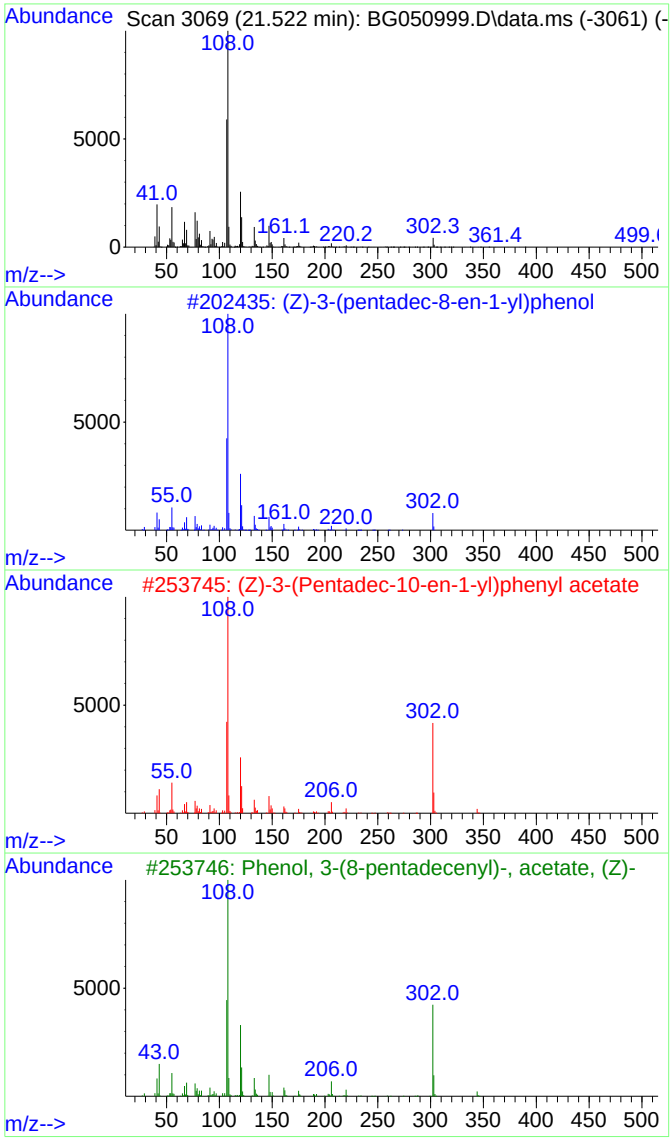
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

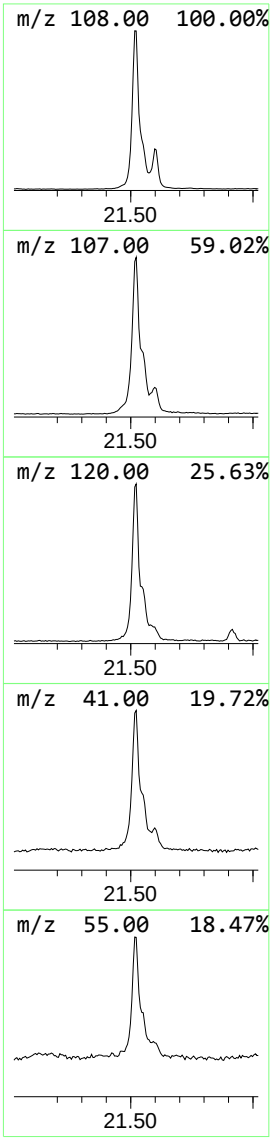
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 42 (Z)-3-(pentadec-8-en-1-yl)p... Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.522 | 185.14 ng/ul | 2975410 | Chrysene-d12 | 21.916 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | (Z)-3-(pentadec-8-en-1-yl)phenol | 302 | C21H34O | 000501-26-8 | 97 |
| 2 | (Z)-3-(Pentadec-10-en-1-yl)pheny... | 344 | C23H36O2 | 1000478-00-3 | 83 |
| 3 | Phenol, 3-(8-pentadecenyl)-, ace... | 344 | C23H36O2 | 111047-34-8 | 78 |
| 4 | 3-(p-Methoxyphenyl)propionic acid | 180 | C10H12O3 | 025173-37-9 | 53 |
| 5 | Phenol, 2-methyl- | 108 | C7H8O | 000095-48-7 | 52 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050999.D
Acq On : 12 Nov 2021 13:43
Operator : CG/JU
Sample : M4615-05DL 30X
Misc :
ALS Vial : 38 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
C0V04DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.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 |
| Acetic acid, 1,... | 3.520 | 47.4 | ng/ul | 521129 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: C... | 5.635 | 2.6 | ng/ul | 29051 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: C... | 6.075 | 2.6 | ng/ul | 28294 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: C... | 6.164 | 2.3 | ng/ul | 24833 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: S... | 6.211 | 8.1 | ng/ul | 88456 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: C... | 6.487 | 6.2 | ng/ul | 67956 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: S... | 6.757 | 4.5 | ng/ul | 49082 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: C... | 6.851 | 8.1 | ng/ul | 89473 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: C... | 6.969 | 2.2 | ng/ul | 24286 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: S... | 7.104 | 2.4 | ng/ul | 25909 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: S... | 7.198 | 4.6 | ng/ul | 50878 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: S... | 7.251 | 4.9 | ng/ul | 54125 | 1 | 8.243 | 219716 | 20.0 |
| unknown-01 | 7.309 | 2.2 | ng/ul | 23907 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: S... | 7.362 | 8.6 | ng/ul | 94868 | 1 | 8.243 | 219716 | 20.0 |
| Sulfurous acid,... | 7.544 | 2.2 | ng/ul | 24072 | 1 | 8.243 | 219716 | 20.0 |
| unknown-02 | 7.609 | 2.1 | ng/ul | 23481 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: S... | 7.668 | 2.0 | ng/ul | 22521 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: C... | 7.709 | 3.1 | ng/ul | 33680 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: S... | 7.832 | 32.7 | ng/ul | 358929 | 1 | 8.243 | 219716 | 20.0 |
| Benzene, 1,2,3-... | 7.879 | 3.3 | ng/ul | 36321 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: C... | 7.944 | 2.6 | ng/ul | 29014 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: S... | 8.191 | 8.1 | ng/ul | 88676 | 1 | 8.243 | 219716 | 20.0 |
| unknown-03 | 8.349 | 3.6 | ng/ul | 39796 | 1 | 8.243 | 219716 | 20.0 |
| unknown-04 | 8.408 | 2.7 | ng/ul | 29807 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: C... | 8.514 | 7.2 | ng/ul | 79229 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: C... | 8.573 | 2.0 | ng/ul | 22549 | 1 | 8.243 | 219716 | 20.0 |
| Benzaldehyde, 2... | 8.755 | 18.2 | ng/ul | 199957 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: S... | 8.878 | 6.8 | ng/ul | 74808 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: S... | 8.984 | 4.5 | ng/ul | 49120 | 1 | 8.243 | 219716 | 20.0 |
| Naphthalene, de... | 9.084 | 3.3 | ng/ul | 36269 | 1 | 8.243 | 219716 | 20.0 |
| unknown-05 | 9.248 | 2.1 | ng/ul | 23366 | 1 | 8.243 | 219716 | 20.0 |
| unknown-06 | 9.342 | 4.0 | ng/ul | 43832 | 1 | 8.243 | 219716 | 20.0 |
| (DEL) Alkane: S... | 9.448 | 23.1 | ng/ul | 253431 | 1 | 8.243 | 219716 | 20.0 |
| Methenamine | 11.828 | 136.9 | ng/ul | 2087290 | 2 | 11.070 | 304931 | 20.0 |
| Hydroquinone | 11.963 | 9.8 | ng/ul | 149065 | 2 | 11.070 | 304931 | 20.0 |
| Phenol, p-tert-... | 12.380 | 3.8 | ng/ul | 58013 | 2 | 11.070 | 304931 | 20.0 |
| Benzaldehyde, 4... | 13.202 | 10.7 | ng/ul | 231459 | 3 | 14.871 | 433306 | 20.0 |
| Phenol, m-tert-... | 15.846 | 2.7 | ng/ul | 59226 | 3 | 14.871 | 433306 | 20.0 |
| Phenol, 2,2'-me... | 18.767 | 44.5 | ng/ul | 1013100 | 4 | 17.615 | 455501 | 20.0 |
| Phenol, 2-[(4-h... | 18.990 | 172.4 | ng/ul | 3926610 | 4 | 17.615 | 455501 | 20.0 |
| Phenol, 4,4'-me... | 19.395 | 165.2 | ng/ul | 3761350 | 4 | 17.615 | 455501 | 20.0 |
| (Z)-3-(pentadec... | 21.522 | 185.1 | ng/ul | 2975410 | 5 | 21.916 | 321426 | 20.0 |