LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059618.D
Acq On : 4 Nov 2023 11:55
Operator : MA/JU
Sample : 04996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** A4935

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-BG110323.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG059618.D\data.ms

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 4.081 | 112 | 118 | 125 | rBV2 | 62548 | 113772 | 5.59% | 0.545% |
| 2 | 4.199 | 136 | 138 | 139 | rBV | 8369 | 6379 | 0.31% | 0.031% |
| 3 | 4.299 | 151 | 155 | 161 | rVB3 | 10569 | 18279 | 0.90% | 0.088% |
| 4 | 4.422 | 172 | 176 | 182 | rVB5 | 7616 | 10655 | 0.52% | 0.051% |
| 5 | 4.493 | 184 | 188 | 189 | rBV5 | 8030 | 8362 | 0.41% | 0.040% |
| 6 | 4.804 | 238 | 241 | 246 | rVB4 | 20932 | 25987 | 1.28% | 0.125% |
| 7 | 5.486 | 355 | 357 | 360 | rBV4 | 5801 | 6644 | 0.33% | 0.032% |
| 8 | 6.120 | 462 | 465 | 470 | rBV2 | 6012 | 8938 | 0.44% | 0.043% |
| 9 | 6.361 | 499 | 506 | 514 | rVB | 425740 | 698299 | 34.34% | 3.348% |
| 10 | 6.702 | 562 | 564 | 569 | rVB | 5539 | 6083 | 0.30% | 0.029% |
| 11 | 6.808 | 578 | 582 | 586 | rVB3 | 5477 | 9253 | 0.46% | 0.044% |
| 12 | 6.925 | 598 | 602 | 615 | rVB5 | 38385 | 68915 | 3.39% | 0.330% |
| 13 | 7.342 | 670 | 673 | 676 | rBV2 | 6652 | 7042 | 0.35% | 0.034% |
| 14 | 7.395 | 676 | 682 | 687 | rVV4 | 21572 | 39160 | 1.93% | 0.188% |
| 15 | 7.466 | 687 | 694 | 706 | rVB4 | 58448 | 159795 | 7.86% | 0.766% |
| 16 | 7.577 | 711 | 713 | 717 | rVB2 | 9748 | 10573 | 0.52% | 0.051% |
| 17 | 7.671 | 722 | 729 | 735 | rVB | 171709 | 297155 | 14.61% | 1.425% |
| 18 | 7.865 | 754 | 762 | 771 | rBV2 | 209048 | 377934 | 18.58% | 1.812% |
| 19 | 8.006 | 782 | 786 | 789 | rBV3 | 5452 | 9950 | 0.49% | 0.048% |
| 20 | 8.077 | 796 | 798 | 804 | rVB5 | 7761 | 13735 | 0.68% | 0.066% |
| 21 | 8.353 | 838 | 845 | 852 | rBV2 | 176619 | 329209 | 16.19% | 1.578% |
| 22 | 8.435 | 855 | 859 | 864 | rVB7 | 15823 | 23783 | 1.17% | 0.114% |
| 23 | 8.588 | 878 | 885 | 892 | rBV2 | 60597 | 123448 | 6.07% | 0.592% |
| 24 | 8.682 | 896 | 901 | 907 | rVV3 | 10069 | 16198 | 0.80% | 0.078% |
| 25 | 8.846 | 927 | 929 | 934 | rVB4 | 12356 | 16044 | 0.79% | 0.077% |
| 26 | 8.958 | 945 | 948 | 953 | rVB2 | 12447 | 18338 | 0.90% | 0.088% |
| 27 | 9.034 | 953 | 961 | 969 | rBV2 | 192977 | 362112 | 17.81% | 1.736% |
| 28 | 9.099 | 969 | 972 | 977 | rVB5 | 15307 | 24398 | 1.20% | 0.117% |
| 29 | 9.193 | 980 | 988 | 992 | rBV | 46463 | 77698 | 3.82% | 0.373% |
| 30 | 9.452 | 1025 | 1032 | 1038 | rBV | 168521 | 301867 | 14.84% | 1.447% |
| 31 | 9.552 | 1043 | 1049 | 1059 | rVV | 274502 | 560846 | 27.58% | 2.689% |
| 32 | 9.651 | 1061 | 1066 | 1074 | rVB3 | 37519 | 77078 | 3.79% | 0.370% |
| 33 | 9.863 | 1101 | 1102 | 1106 | rBV2 | 5981 | 7424 | 0.37% | 0.036% |
| 34 | 9.916 | 1107 | 1111 | 1116 | rVV3 | 20271 | 33685 | 1.66% | 0.161% |
| 35 | 10.069 | 1134 | 1137 | 1145 | rVB4 | 25506 | 40621 | 2.00% | 0.195% |
| 36 | 10.274 | 1164 | 1172 | 1179 | rBV2 | 209523 | 390427 | 19.20% | 1.872% |

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059618.D
Acq On : 4 Nov 2023 11:55
Operator : MA/JU
Sample : 04996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** A4935

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-BG110323.MA.M
Title : SVOA CALIBRATION

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 37 | 10.351 | 1183 | 1185 | 1187 | rVV3 | 14335 | 16515 | 0.81% | 0.079% |
| 38 | 10.409 | 1191 | 1195 | 1203 | rVV3 | 75178 | 128389 | 6.31% | 0.616% |
| 39 | 10.474 | 1203 | 1206 | 1208 | rVB4 | 6285 | 7596 | 0.37% | 0.036% |
| 40 | 10.797 | 1252 | 1261 | 1269 | rBV2 | 338011 | 609137 | 29.95% | 2.920% |
| 41 | 11.203 | 1320 | 1330 | 1337 | rBV | 231920 | 496570 | 24.42% | 2.381% |
| 42 | 11.338 | 1347 | 1353 | 1361 | rVB2 | 262014 | 497680 | 24.47% | 2.386% |
| 43 | 11.449 | 1366 | 1372 | 1377 | rBV3 | 67892 | 115888 | 5.70% | 0.556% |
| 44 | 11.655 | 1405 | 1407 | 1409 | rBV2 | 6827 | 7607 | 0.37% | 0.036% |
| 45 | 11.872 | 1434 | 1444 | 1447 | rBV2 | 46432 | 97463 | 4.79% | 0.467% |
| 46 | 12.477 | 1545 | 1547 | 1548 | rBV | 10499 | 6746 | 0.33% | 0.032% |
| 47 | 12.748 | 1591 | 1593 | 1594 | rBV | 12263 | 10130 | 0.50% | 0.049% |
| 48 | 12.942 | 1623 | 1626 | 1627 | rBV2 | 13170 | 12370 | 0.61% | 0.059% |
| 49 | 13.306 | 1685 | 1688 | 1694 | rBV2 | 52673 | 81426 | 4.00% | 0.390% |
| 50 | 13.553 | 1726 | 1730 | 1736 | rVB2 | 98256 | 138261 | 6.80% | 0.663% |
| 51 | 13.817 | 1769 | 1775 | 1783 | rVB2 | 249979 | 427756 | 21.03% | 2.051% |
| 52 | 13.911 | 1785 | 1791 | 1797 | rVB | 480022 | 744701 | 36.62% | 3.570% |
| 53 | 14.217 | 1839 | 1843 | 1850 | rVB7 | 17857 | 35188 | 1.73% | 0.169% |
| 54 | 14.375 | 1864 | 1870 | 1875 | rBV | 875171 | 1286301 | 63.25% | 6.167% |
| 55 | 14.687 | 1916 | 1923 | 1929 | rBV | 953886 | 1529863 | 75.23% | 7.335% |
| 56 | 14.928 | 1961 | 1964 | 1967 | rBV3 | 17055 | 19786 | 0.97% | 0.095% |
| 57 | 14.980 | 1967 | 1973 | 1979 | rVV | 460449 | 694337 | 34.14% | 3.329% |
| 58 | 15.151 | 1997 | 2002 | 2009 | rBV | 84873 | 141154 | 6.94% | 0.677% |
| 59 | 15.280 | 2022 | 2024 | 2026 | rVB | 9289 | 6088 | 0.30% | 0.029% |
| 60 | 15.762 | 2103 | 2106 | 2111 | rVB2 | 58257 | 75258 | 3.70% | 0.361% |
| 61 | 15.968 | 2134 | 2141 | 2147 | rBV | 1147292 | 1780344 | 87.55% | 8.536% |
| 62 | 16.067 | 2153 | 2158 | 2166 | rVB | 322716 | 476471 | 23.43% | 2.284% |
| 63 | 17.730 | 2435 | 2441 | 2447 | rVB | 584042 | 868956 | 42.73% | 4.166% |
| 64 | 17.830 | 2452 | 2458 | 2464 | rBV | 1298657 | 1936448 | 95.22% | 9.284% |
| 65 | 17.965 | 2479 | 2481 | 2486 | rVB2 | 11621 | 13143 | 0.65% | 0.063% |
| 66 | 18.353 | 2542 | 2547 | 2554 | rBV2 | 920004 | 1196476 | 58.84% | 5.736% |
| 67 | 18.764 | 2615 | 2617 | 2621 | rVB2 | 28478 | 30220 | 1.49% | 0.145% |
| 68 | 19.957 | 2817 | 2820 | 2825 | rVB2 | 33869 | 34379 | 1.69% | 0.165% |
| 69 | 20.104 | 2839 | 2845 | 2852 | rVB | 1455645 | 2033581 | 100.00% | 9.750% |
| 70 | 21.085 | 3009 | 3012 | 3021 | rVB2 | 109667 | 155692 | 7.66% | 0.746% |
| 71 | 22.066 | 3173 | 3179 | 3186 | rVB2 | 504905 | 845678 | 41.59% | 4.055% |

Sum of corrected areas: 20857684

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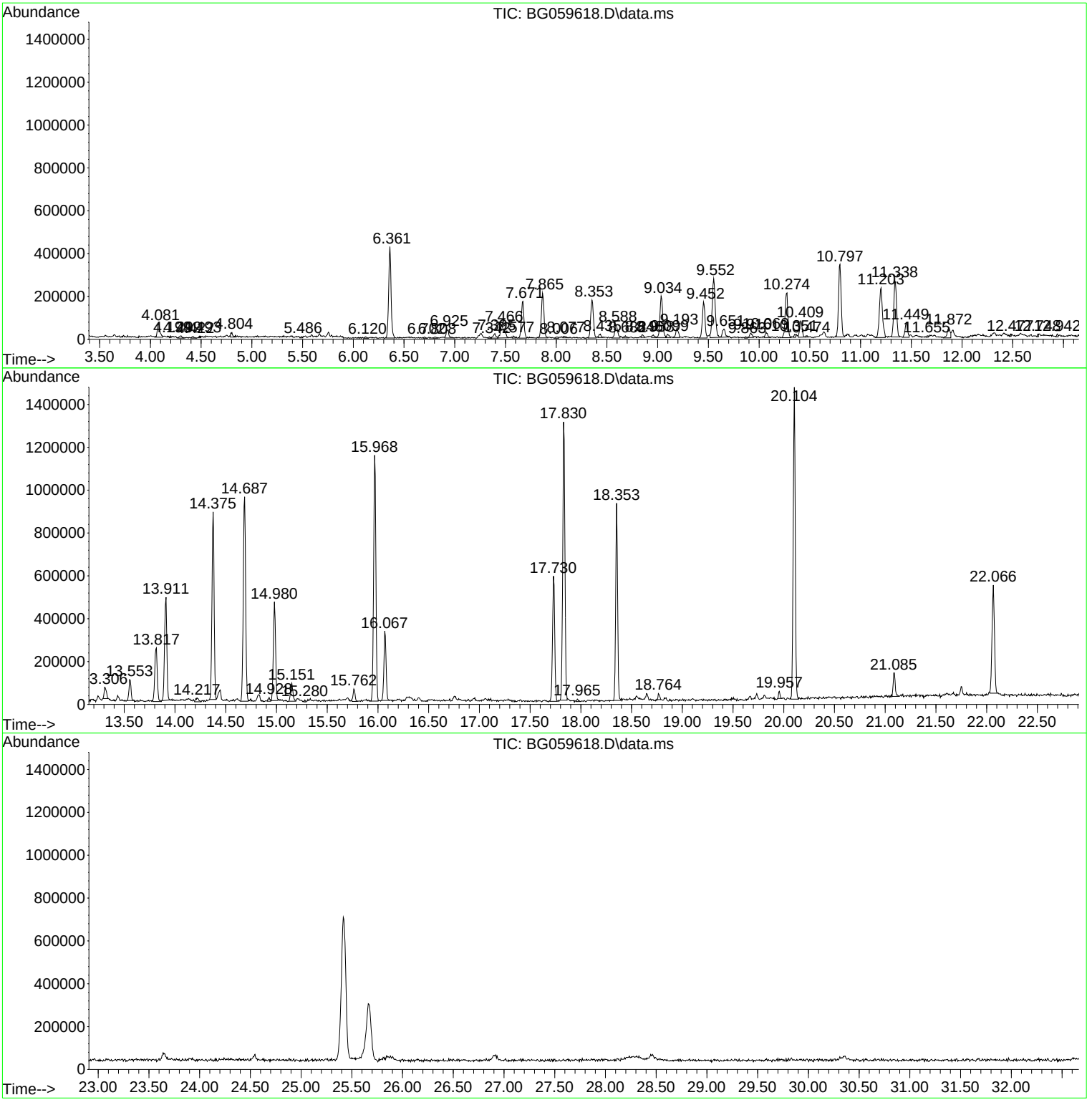
Operator : MA/JU
Sample : 04996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4935

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059618.D
Acq On : 4 Nov 2023 11:55
Operator : MA/JU
Sample : 04996-05
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ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4935

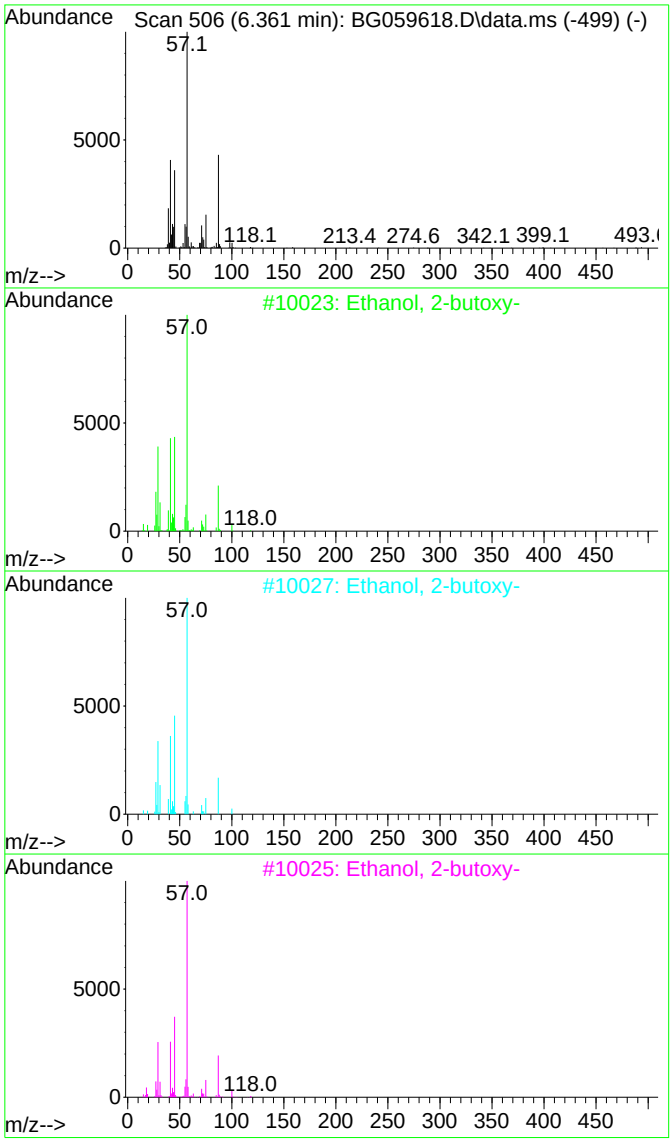
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

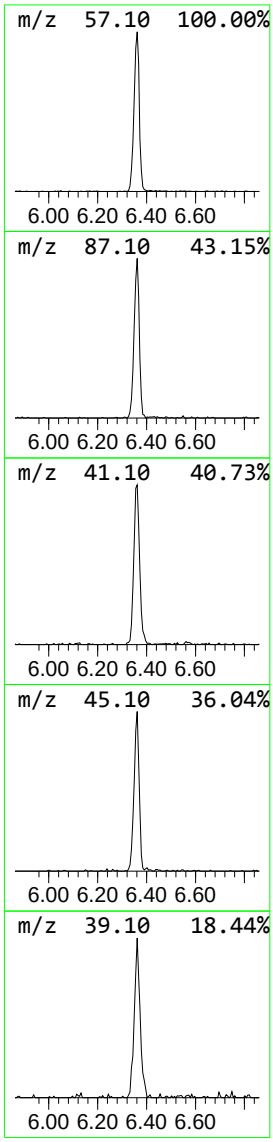
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 1

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.361 | 42.42 ng/ul | 698299 | 1,4-Dichlorobenzene-d4 | 8.353 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanol, 2-butoxy- | 118 | C6H14O2 | 000111-76-2 | 64 |
| 2 | Ethanol, 2-butoxy- | 118 | C6H14O2 | 000111-76-2 | 64 |
| 3 | Ethanol, 2-butoxy- | 118 | C6H14O2 | 000111-76-2 | 43 |
| 4 | Ethanol, 2-butoxy- | 118 | C6H14O2 | 000111-76-2 | 43 |
| 5 | Propane, 1,1'-[methylenebis(oxy)... | 160 | C9H20O2 | 002568-91-4 | 40 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059618.D
Acq On : 4 Nov 2023 11:55
Operator : MA/JU
Sample : 04996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4935

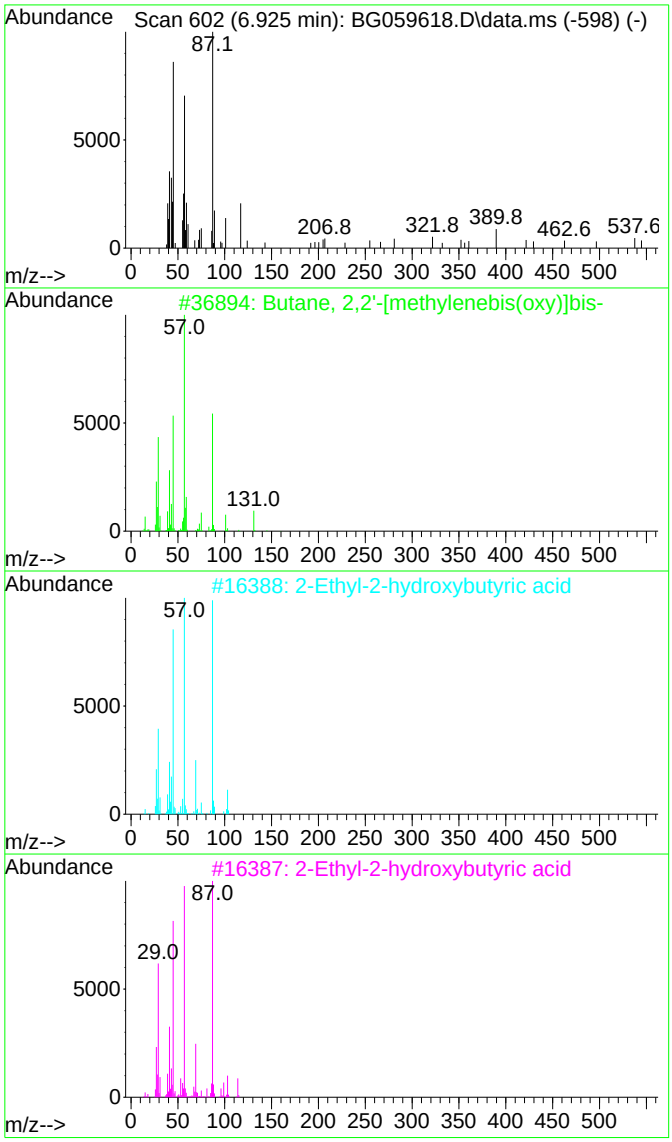
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

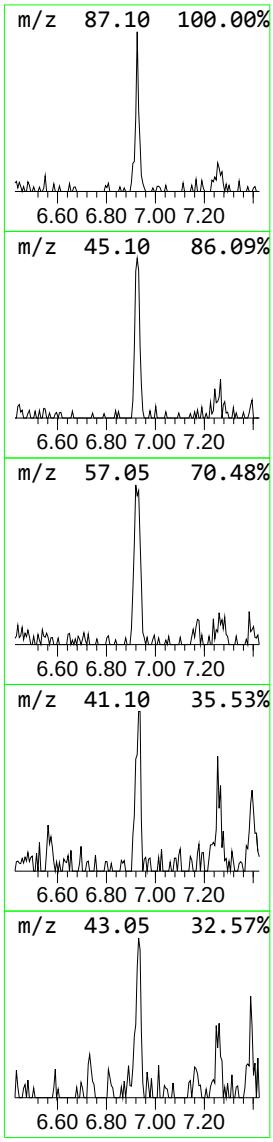
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 2 Butane, 2,2'-[methylenebis(... Concentration Rank 10

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 6.925 | 4.19 ng/ul | 68915 | 1,4-Dichlorobenzene-d4 | 8.353 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Butane, 2,2'-[methylenebis(oxy)]... | 160 | C9H20O2 | 002568-92-5 | 50 |
| 2 | 2-Ethyl-2-hydroxybutyric acid | 132 | C6H12O3 | 003639-21-2 | 42 |
| 3 | 2-Ethyl-2-hydroxybutyric acid | 132 | C6H12O3 | 003639-21-2 | 42 |
| 4 | (Methylthio)-acetonitrile | 87 | C3H5NS | 035120-10-6 | 42 |
| 5 | (Methylthio)-acetonitrile | 87 | C3H5NS | 035120-10-6 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059618.D
Acq On : 4 Nov 2023 11:55
Operator : MA/JU
Sample : 04996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4935

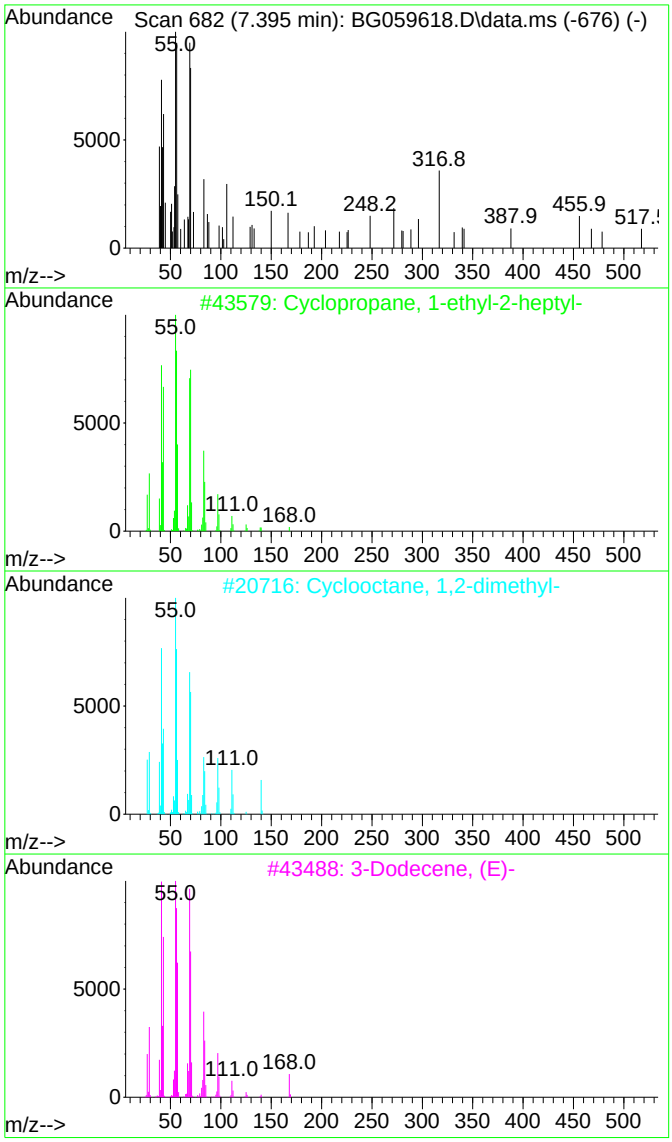
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

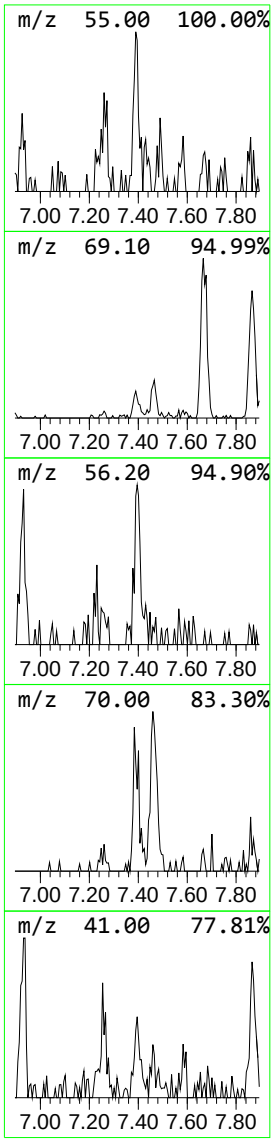
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 3 (DEL) Alkane: Cyclic7.395 Concentration Rank 14

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 7.395 | 2.38 ng/ul | 39160 | 1,4-Dichlorobenzene-d4 | 8.353 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Cyclopropane, 1-ethyl-2-heptyl- | 168 | C12H24 | 074663-86-8 | 59 |
| 2 | Cyclooctane, 1,2-dimethyl- | 140 | C10H20 | 013151-94-5 | 59 |
| 3 | 3-Dodecene, (E)- | 168 | C12H24 | 007206-14-6 | 59 |
| 4 | Cyclopropane, 1-butyl-2-pentyl-,... | 168 | C12H24 | 074663-88-0 | 50 |
| 5 | 6-Dodecene, (Z)- | 168 | C12H24 | 007206-29-3 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059618.D
Acq On : 4 Nov 2023 11:55
Operator : MA/JU
Sample : 04996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4935

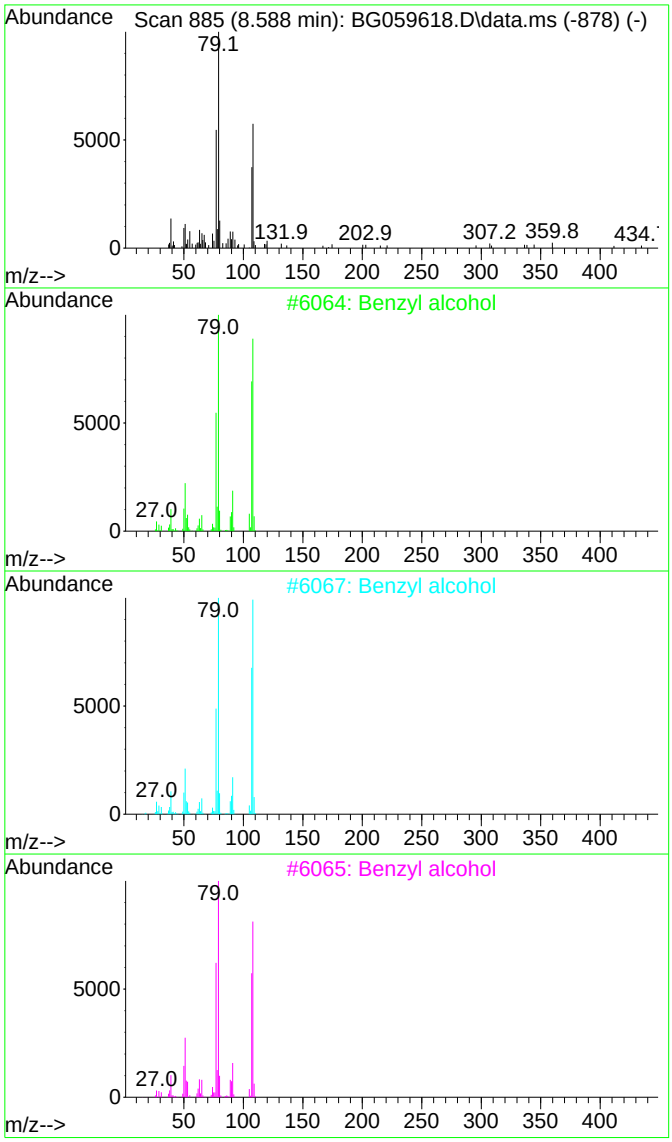
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

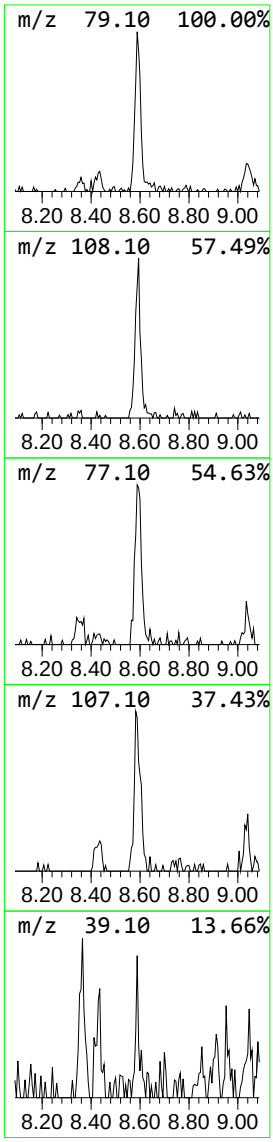
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 4 Benzyl alcohol Concentration Rank 6

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 8.588 | 7.50 ng/ul | 123448 | 1,4-Dichlorobenzene-d4 | 8.353 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzyl alcohol | 108 | C7H8O | 000100-51-6 | 87 |
| 2 | Benzyl alcohol | 108 | C7H8O | 000100-51-6 | 87 |
| 3 | Benzyl alcohol | 108 | C7H8O | 000100-51-6 | 86 |
| 4 | Benzyl alcohol | 108 | C7H8O | 000100-51-6 | 86 |
| 5 | Cyclohexa-2,4-dienylmethanol | 110 | C7H10O | 154916-94-6 | 50 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059618.D
Acq On : 4 Nov 2023 11:55
Operator : MA/JU
Sample : 04996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4935

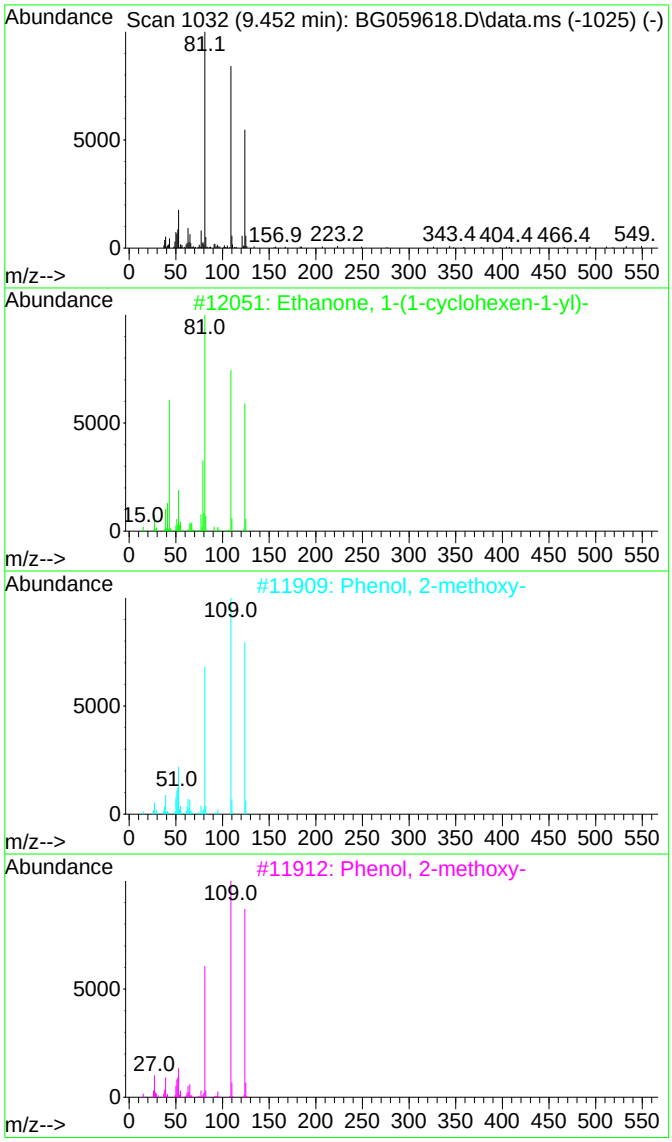
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

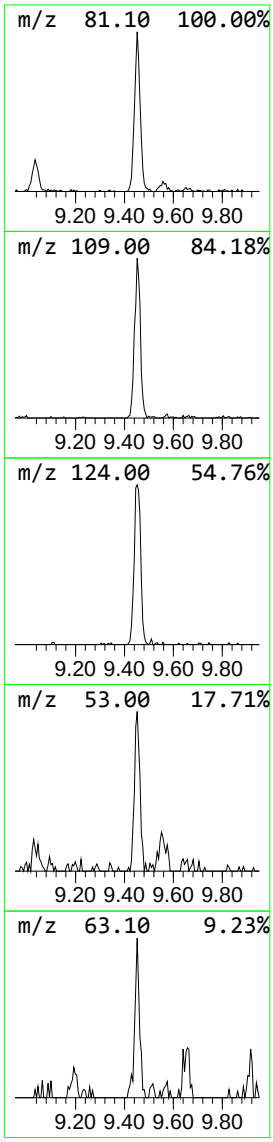
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 5 Ethanone, 1-(1-cyclohexen-1... Concentration Rank 4

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.452 | 18.34 ng/ul | 301867 | 1,4-Dichlorobenzene-d4 | 8.353 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ethanone, 1-(1-cyclohexen-1-yl)- | 124 | C8H12O | 000932-66-1 | 86 |
| 2 | Phenol, 2-methoxy- | 124 | C7H8O2 | 000090-05-1 | 60 |
| 3 | Phenol, 2-methoxy- | 124 | C7H8O2 | 000090-05-1 | 60 |
| 4 | Mequinol | 124 | C7H8O2 | 000150-76-5 | 60 |
| 5 | 2(1H)-Pyridinone, 1-methyl- | 109 | C6H7NO | 000694-85-9 | 53 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059618.D
Acq On : 4 Nov 2023 11:55
Operator : MA/JU
Sample : 04996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4935

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

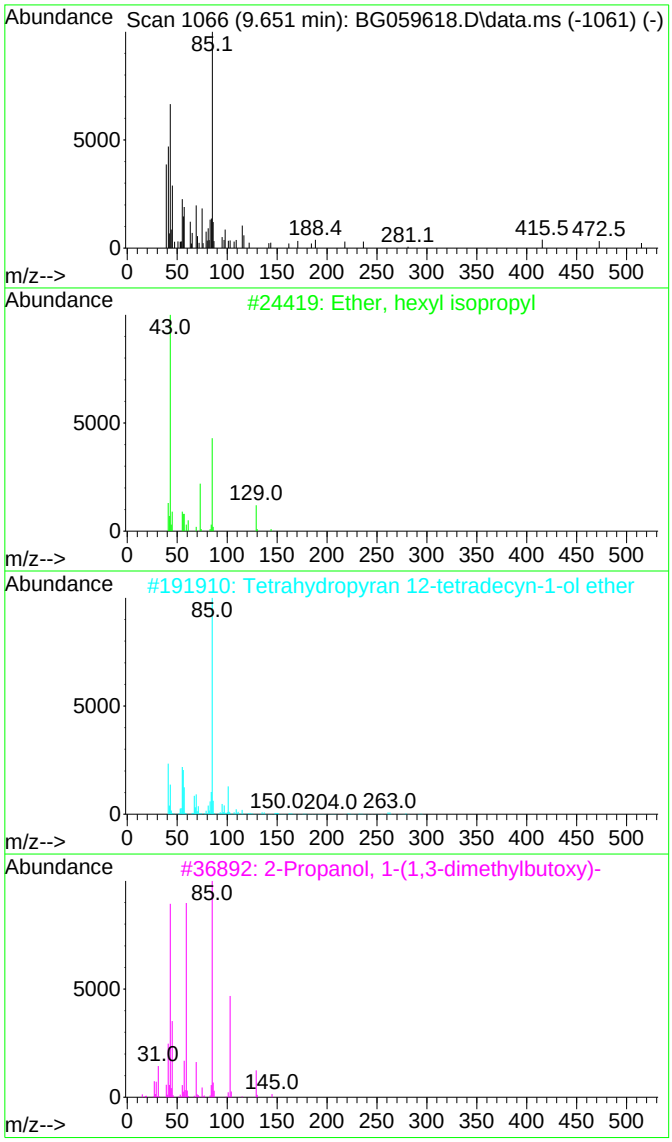
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

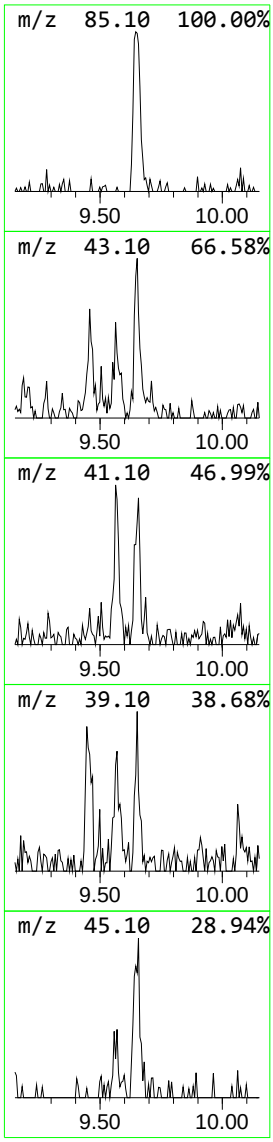
**********

Peak Number 6 Ether, hexyl isopropyl Concentration Rank 8

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 9.651 | 4.68 ng/ul | 77078 | 1,4-Dichlorobenzene-d4 | 8.353 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Ether, hexyl isopropyl | 144 | C9H20O | 018636-65-2 | 64 |
| 2 | Tetrahydropyran 12-tetradecyn-1-... | 294 | C19H34O2 | 096249-40-0 | 53 |
| 3 | 2-Propanol, 1-(1,3-dimethylbutoxy)- | 160 | C9H20O2 | 054340-89-5 | 50 |
| 4 | Sulfurous acid, isohexyl hexyl e... | 250 | C12H26O3S | 1000309-12-8 | 47 |
| 5 | 2-Pyrrolidinone | 85 | C4H7NO | 000616-45-5 | 43 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059618.D
Acq On : 4 Nov 2023 11:55
Operator : MA/JU
Sample : 04996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4935

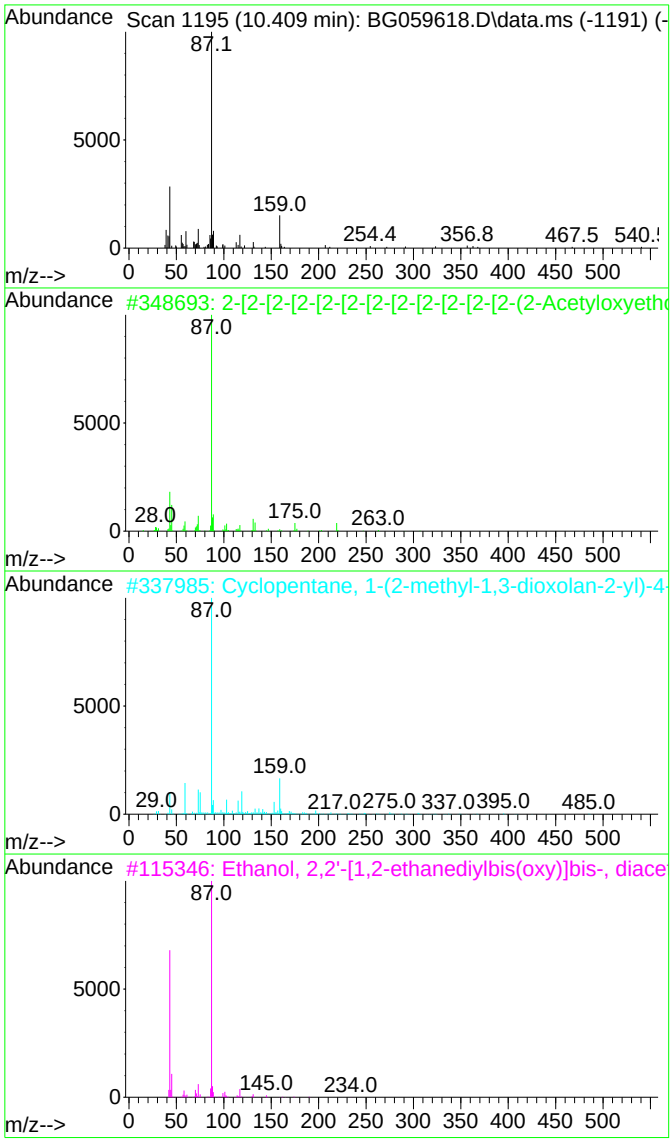
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

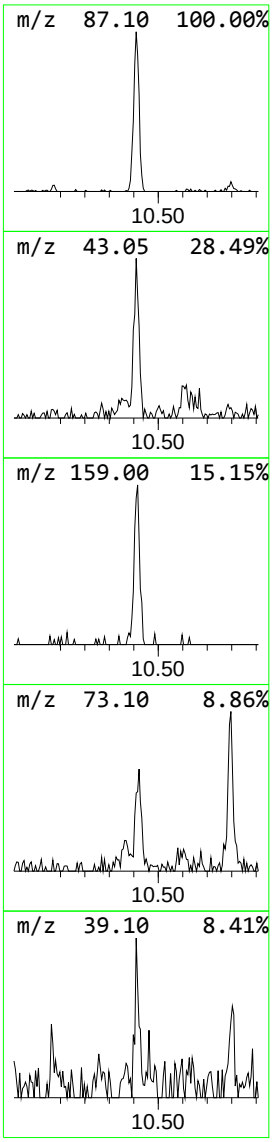
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 7 2-[2-[2-[2-[2-[2-[2-[2-[2-[... Concentration Rank 7

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 10.409 | 5.17 ng/ul | 128389 | Naphthalene-d8 | 11.203 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-[2-[2-[2-[2-[2-[2-[2-[2-[2-... | 674 | C30H58O16 | 1000351-89-4 | 64 |
| 2 | Cyclopentane, 1-(2-methyl-1,3-di... | 500 | C26H48O7Si | 1000156-17-8 | 64 |
| 3 | Ethanol, 2,2'-[1,2-ethanediylbis... | 234 | C10H18O6 | 000111-21-7 | 64 |
| 4 | Ethyl acetoacetate ethylene acetal | 174 | C8H14O4 | 006413-10-1 | 64 |
| 5 | 2-[2-[2-[2-[2-[2-[2-(2-Methox... | 470 | C21H42O11 | 1000351-91-8 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059618.D
Acq On : 4 Nov 2023 11:55
Operator : MA/JU
Sample : 04996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4935

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

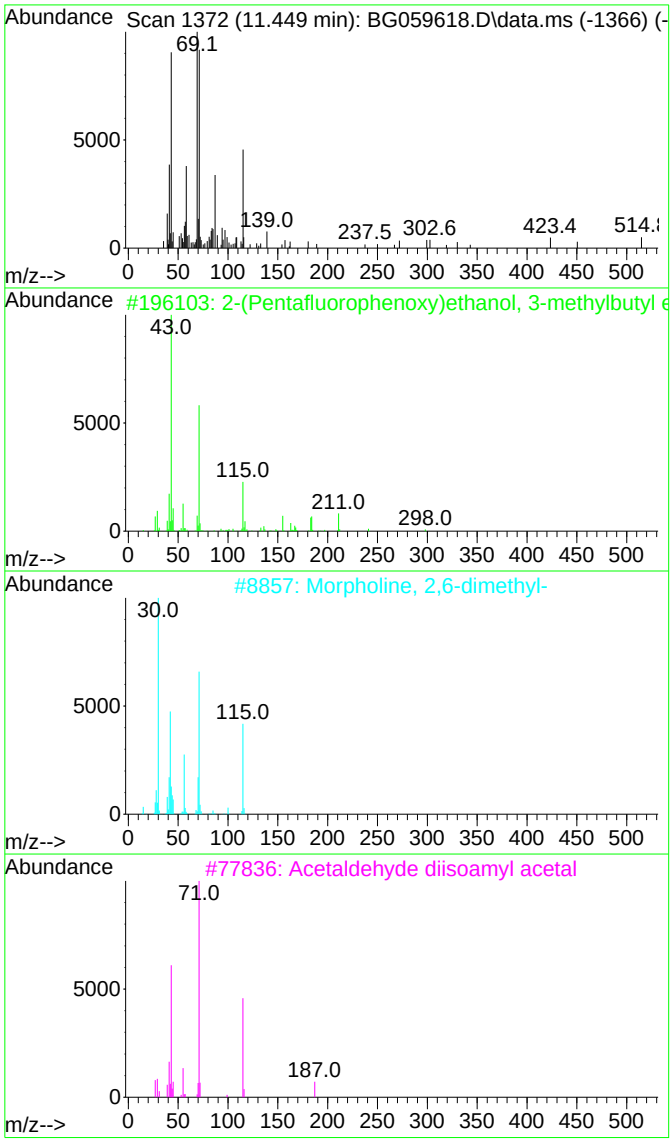
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

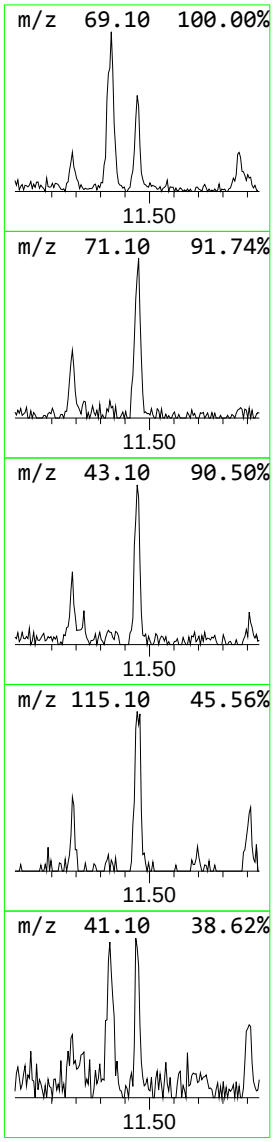
**********

Peak Number 8 unknown-01 Concentration Rank 9

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.449 | 4.67 ng/ul | 115888 | Naphthalene-d8 | 11.203 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2-(Pentafluorophenoxy)ethanol, 3... | 298 | C13H15F5O2 | 1000394-76-8 | 38 |
| 2 | Morpholine, 2,6-dimethyl- | 115 | C6H13NO | 000141-91-3 | 35 |
| 3 | Acetaldehyde diisoamyl acetal | 202 | C12H26O2 | 1000430-80-1 | 35 |
| 4 | Ethylene glycol di-n-butyrate | 202 | C10H18O4 | 000105-72-6 | 27 |
| 5 | 3-Ethoxy-3-methyl-1-butene | 114 | C7H14O | 1000432-34-6 | 22 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059618.D
Acq On : 4 Nov 2023 11:55
Operator : MA/JU
Sample : 04996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4935

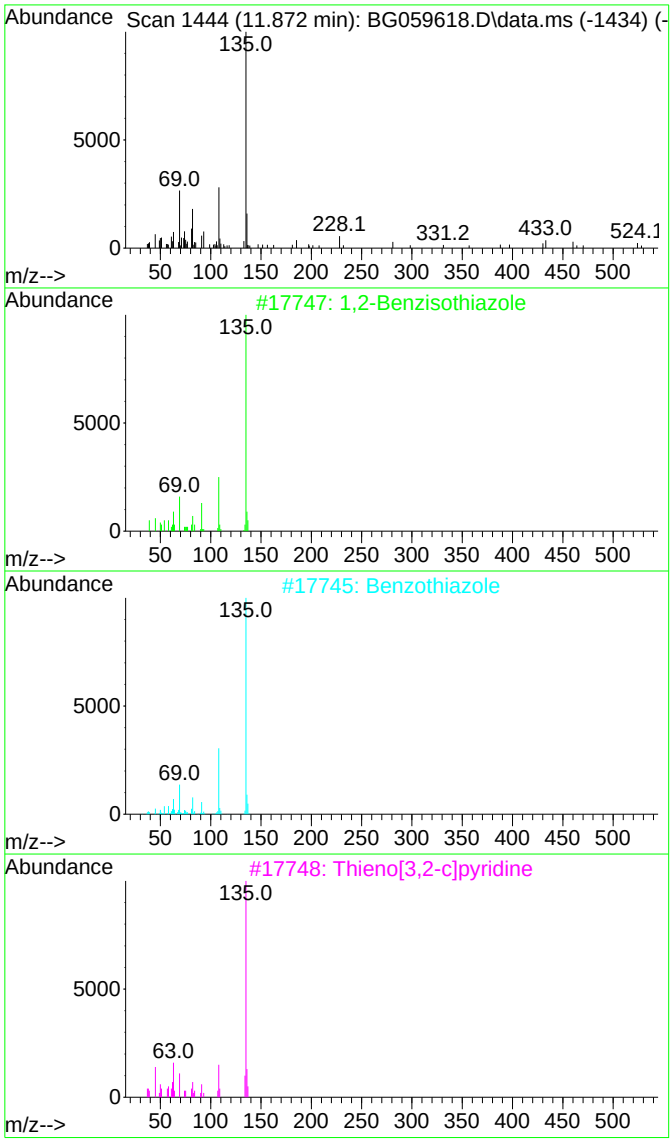
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

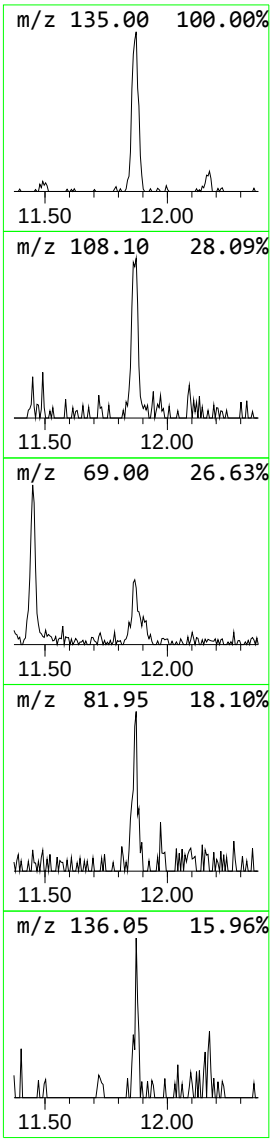
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 9 1,2-Benzisothiazole Concentration Rank 12

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 11.872 | 3.93 ng/ul | 97463 | Naphthalene-d8 | 11.203 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1,2-Benzisothiazole | 135 | C7H5NS | 000272-16-2 | 80 |
| 2 | Benzothiazole | 135 | C7H5NS | 000095-16-9 | 72 |
| 3 | Thieno[3,2-c]pyridine | 135 | C7H5NS | 000272-14-0 | 72 |
| 4 | 3,5-Dihydropyrrolo(3,2-d)pyrimid... | 135 | C6H5N3O | 005655-01-6 | 72 |
| 5 | Benzothiazole | 135 | C7H5NS | 000095-16-9 | 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059618.D
Acq On : 4 Nov 2023 11:55
Operator : MA/JU
Sample : 04996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4935

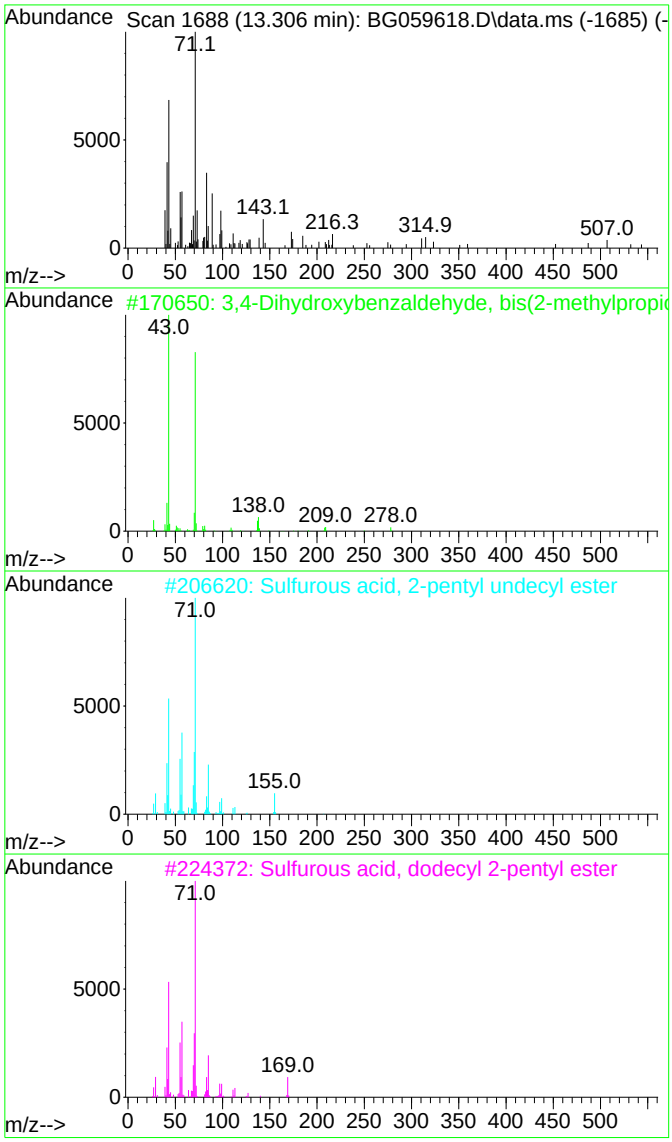
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

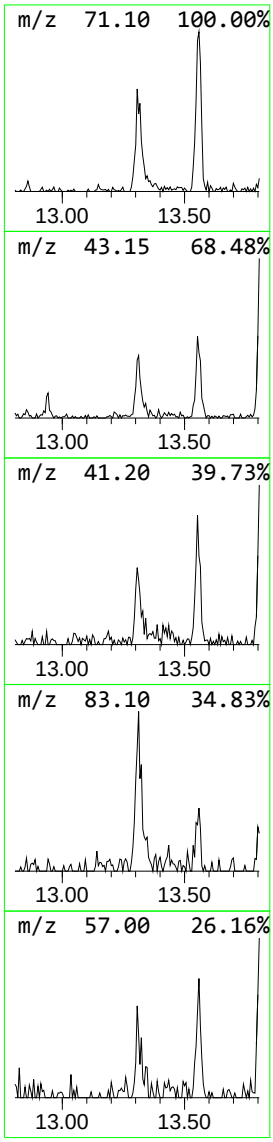
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 10 unknown-02 Concentration Rank 15

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.306 | 2.35 ng/ul | 81426 | Acenaphthene-d10 | 14.980 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 3,4-Dihydroxybenzaldehyde, bis(2... | 278 | C15H18O5 | 176379-72-9 | 47 |
| 2 | Sulfurous acid, 2-pentyl undecyl... | 306 | C16H34O3S | 1000309-16-0 | 47 |
| 3 | Sulfurous acid, dodecyl 2-pentyl... | 320 | C17H36O3S | 1000309-16-1 | 47 |
| 4 | diethyl-2-(tetrahydrofuran-2-yl)... | 244 | C12H20O5 | 1000365-67-0 | 47 |
| 5 | Butyric acid, 3-pentadecyl ester | 298 | C19H38O2 | 1000280-57-3 | 42 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059618.D
Acq On : 4 Nov 2023 11:55
Operator : MA/JU
Sample : 04996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4935

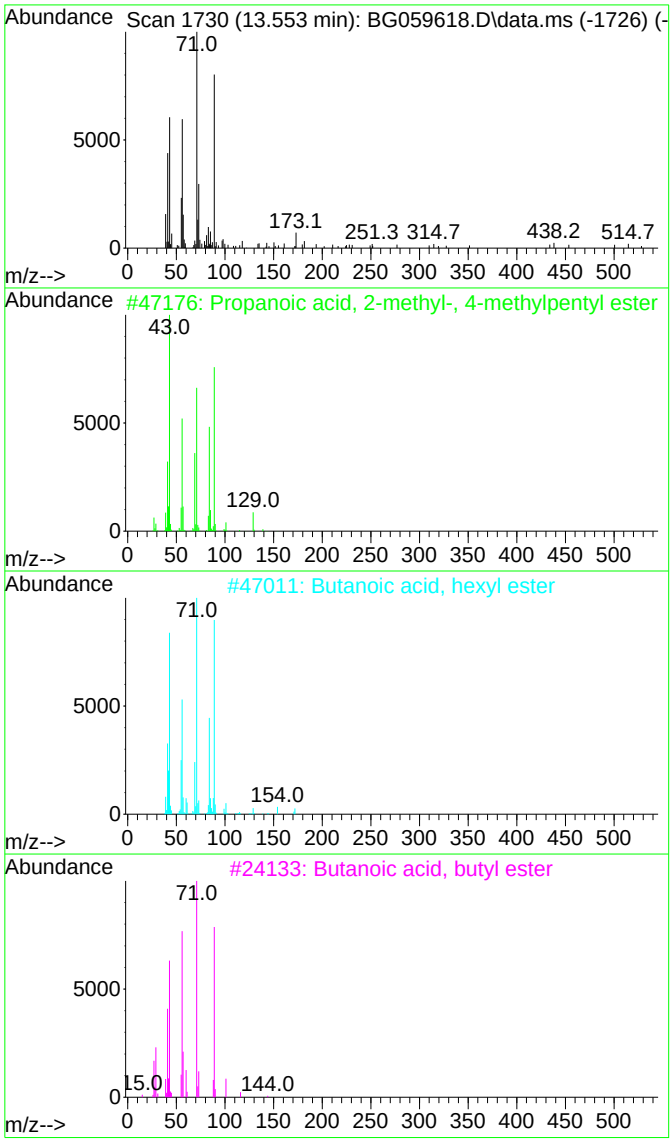
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

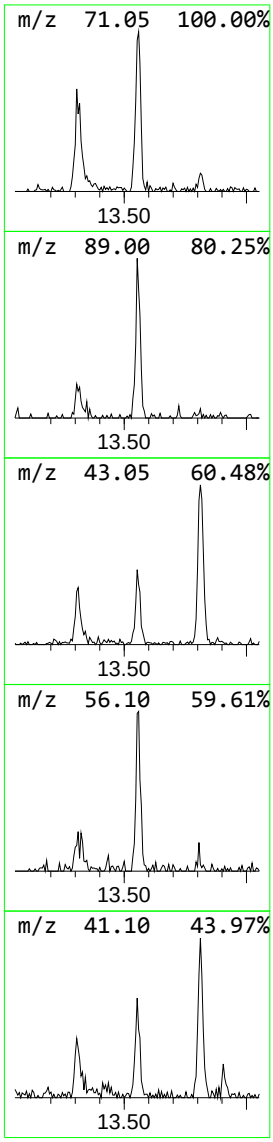
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 11 Propanoic acid, 2-methyl-, ... Concentration Rank 11

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.553 | 3.98 ng/ul | 138261 | Acenaphthene-d10 | 14.980 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Propanoic acid, 2-methyl-, 4-met... | 172 | C10H20O2 | 035852-44-9 | 64 |
| 2 | Butanoic acid, hexyl ester | 172 | C10H20O2 | 002639-63-6 | 64 |
| 3 | Butanoic acid, butyl ester | 144 | C8H16O2 | 000109-21-7 | 43 |
| 4 | Propanoic acid, 2-methyl-, propy... | 130 | C7H14O2 | 000644-49-5 | 40 |
| 5 | Methyl pyruvate dimethyl acetal | 148 | C6H12O4 | 010076-48-9 | 40 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059618.D
Acq On : 4 Nov 2023 11:55
Operator : MA/JU
Sample : 04996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4935

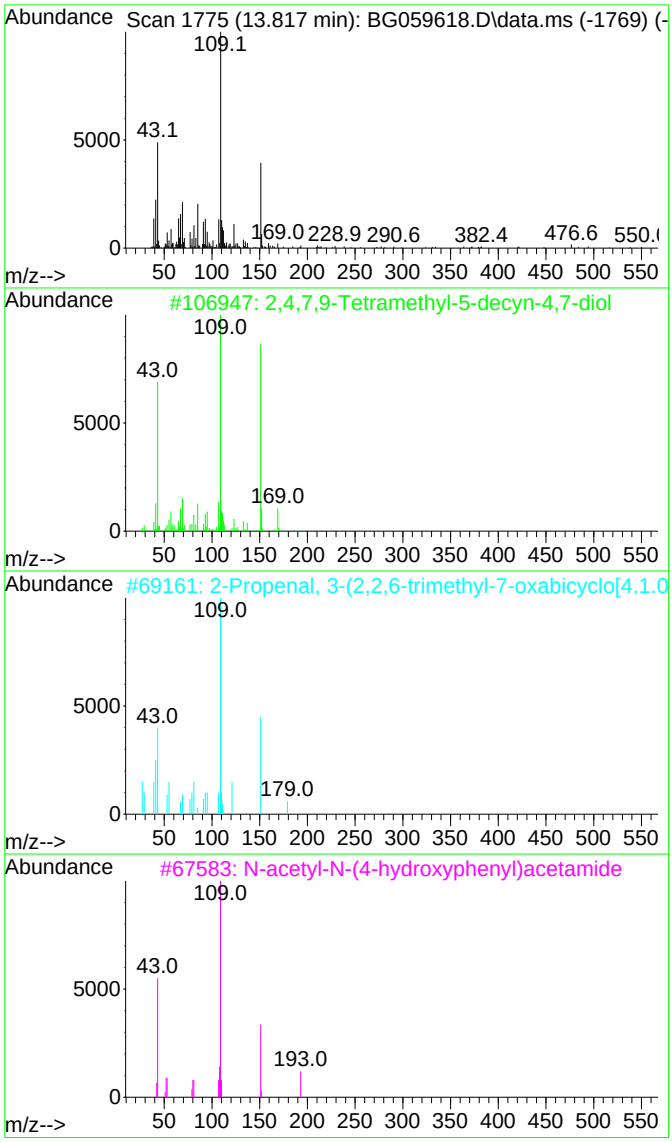
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

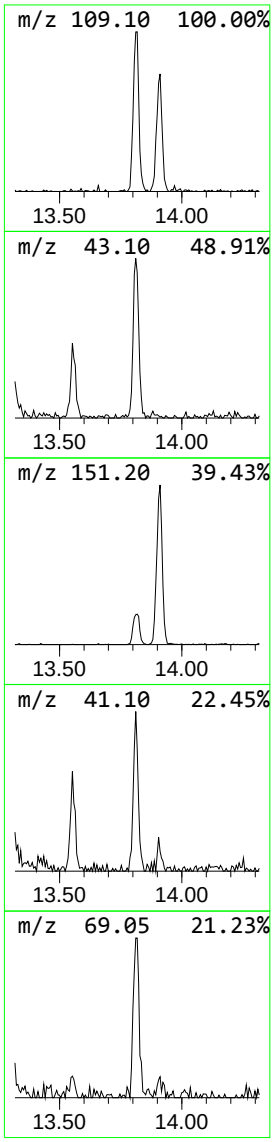
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 12 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 5

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.817 | 12.32 ng/ul | 427756 | Acenaphthene-d10 | 14.980 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226 | C14H26O2 | 000126-86-3 | 80 |
| 2 | 2-Propenal, 3-(2,2,6-trimethyl-7... | 194 | C12H18O2 | 055759-91-6 | 59 |
| 3 | N-acetyl-N-(4-hydroxyphenyl)acet... | 193 | C10H11NO3 | 1000389-51-9 | 59 |
| 4 | Acetaminophen | 151 | C8H9NO2 | 000103-90-2 | 58 |
| 5 | Metacetamol | 151 | C8H9NO2 | 000621-42-1 | 58 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059618.D
Acq On : 4 Nov 2023 11:55
Operator : MA/JU
Sample : 04996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4935

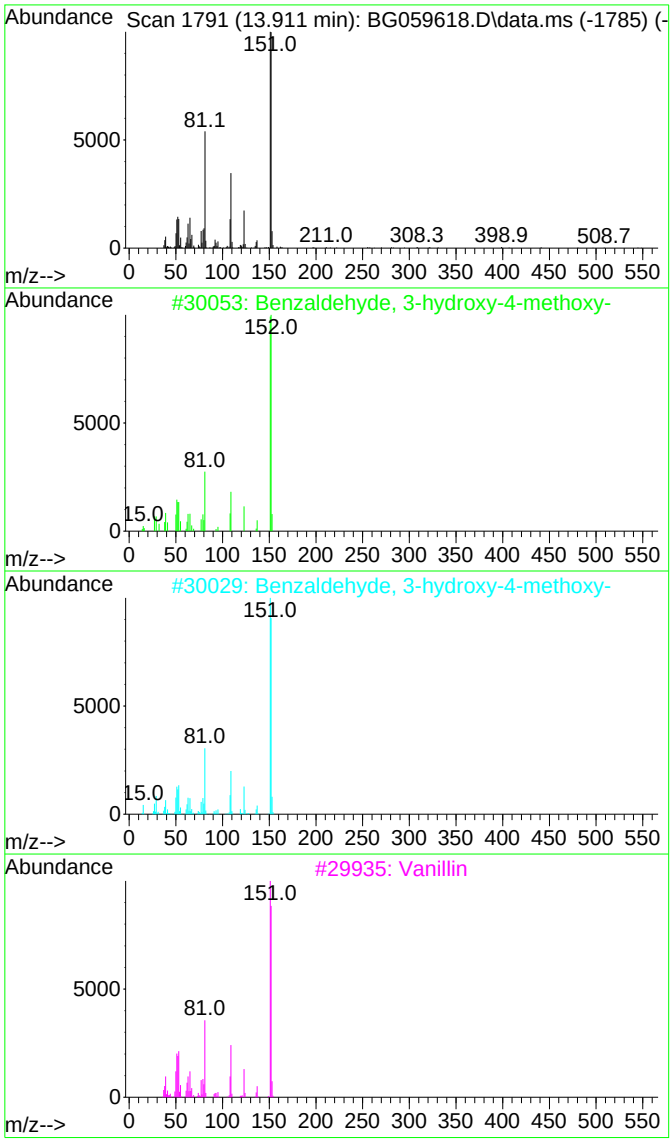
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

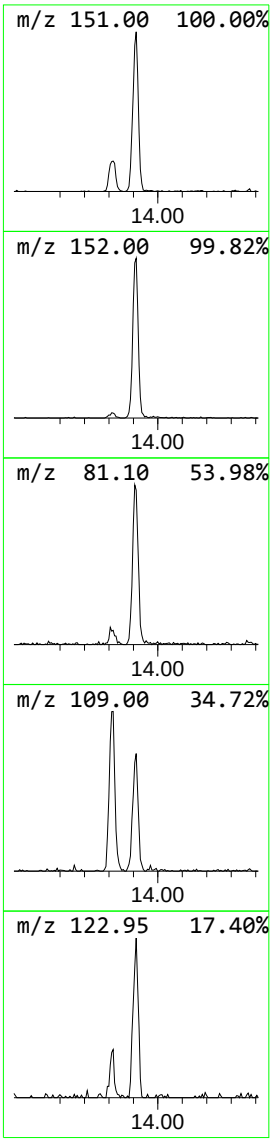
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 13 Benzaldehyde, 3-hydroxy-4-m... Concentration Rank 3

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 13.911 | 21.45 ng/ul | 744701 | Acenaphthene-d10 | 14.980 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | Benzaldehyde, 3-hydroxy-4-methoxy- | 152 | C8H8O3 | 000621-59-0 | 94 |
| 2 | Benzaldehyde, 3-hydroxy-4-methoxy- | 152 | C8H8O3 | 000621-59-0 | 94 |
| 3 | Vanillin | 152 | C8H8O3 | 000121-33-5 | 94 |
| 4 | Benzaldehyde, 3-hydroxy-4-methoxy- | 152 | C8H8O3 | 000621-59-0 | 93 |
| 5 | Vanillin | 152 | C8H8O3 | 000121-33-5 | 93 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059618.D
Acq On : 4 Nov 2023 11:55
Operator : MA/JU
Sample : 04996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4935

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

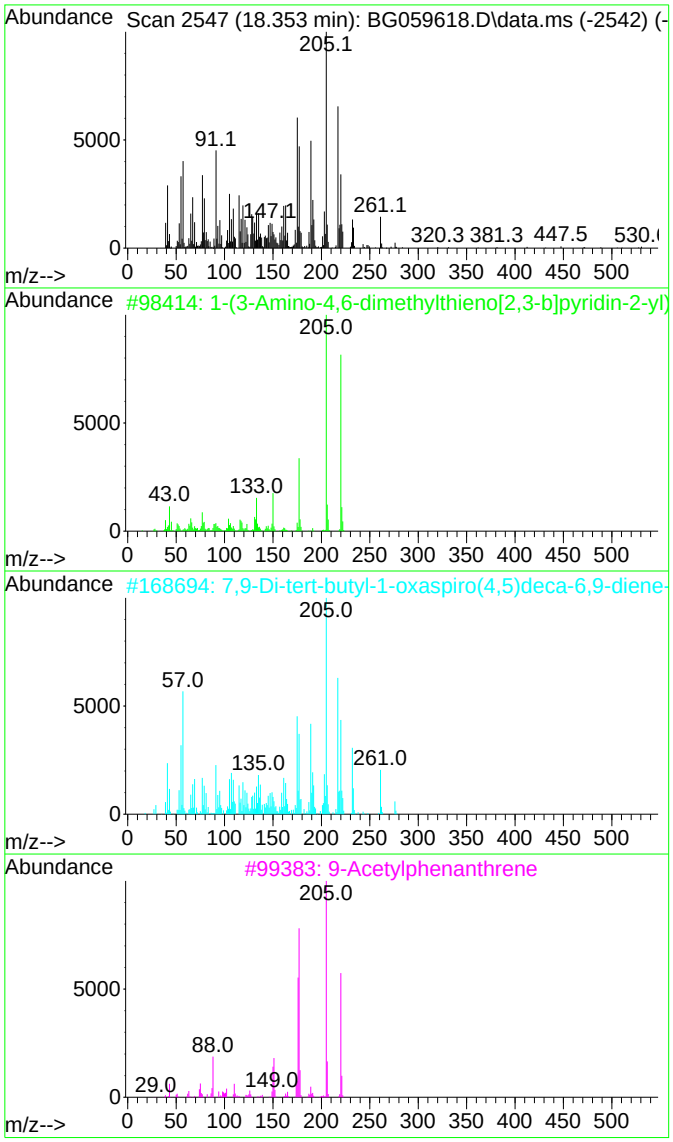
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

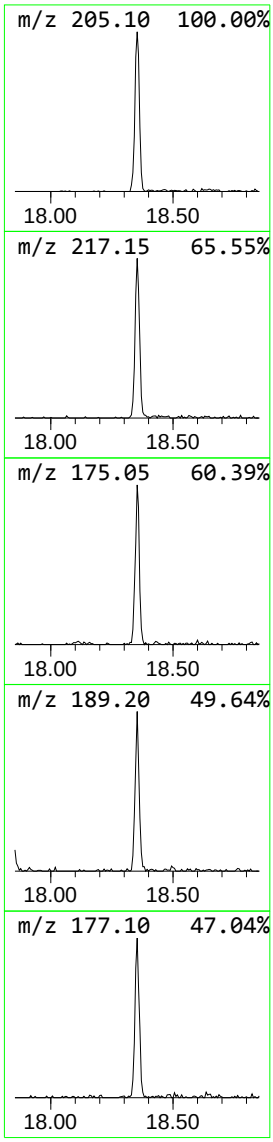
**********

Peak Number 14 unknown-03 Concentration Rank 2

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 18.353 | 27.54 ng/ul | 1196480 | Phenanthrene-d10 | 17.730 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 1-(3-Amino-4,6-dimethylthieno[2,... | 220 | C11H12N2OS | 052505-42-7 | 45 |
| 2 | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3 | 082304-66-3 | 45 |
| 3 | 9-Acetylphenanthrene | 220 | C16H12O | 002039-77-2 | 38 |
| 4 | (1R,3aR,5aR,9aS)-1,4,4,7-Tetrame... | 220 | C15H24O | 104188-25-2 | 30 |
| 5 | 9-Acetylphenanthrene | 220 | C16H12O | 002039-77-2 | 30 |



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059618.D
Acq On : 4 Nov 2023 11:55
Operator : MA/JU
Sample : 04996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4935

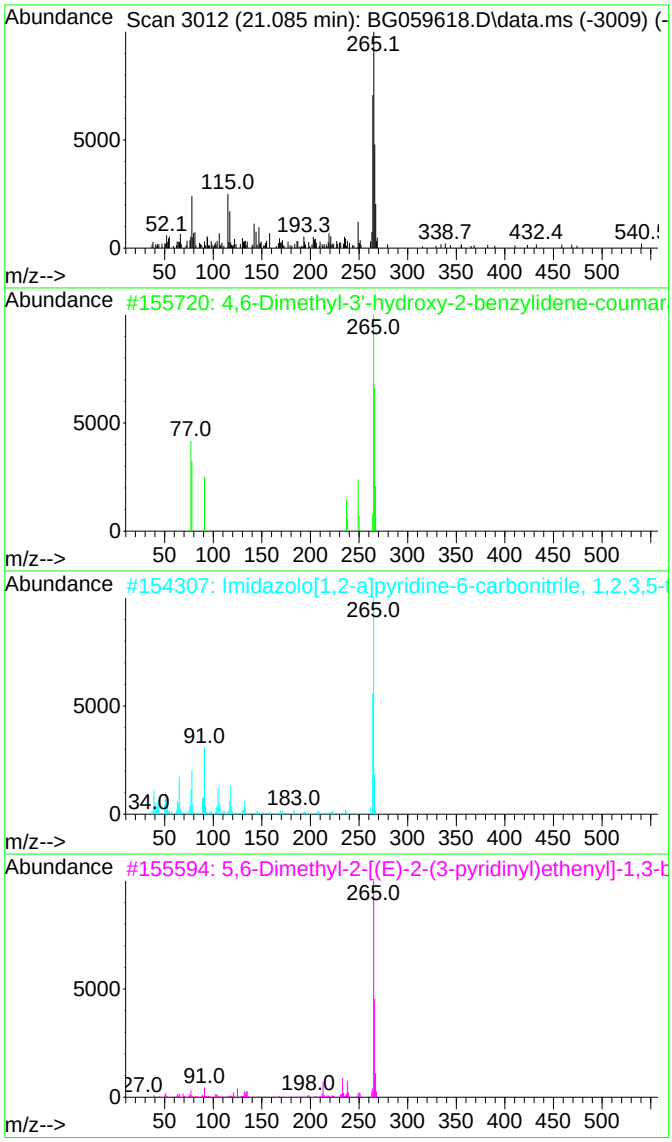
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

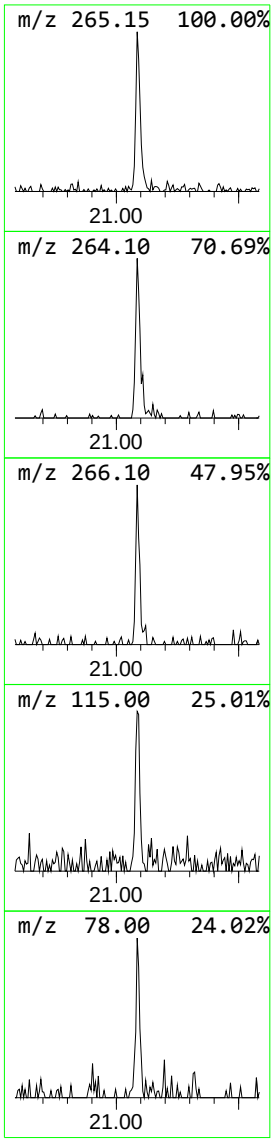
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

**********
Peak Number 15 4,6-Dimethyl-3'-hydroxy-2-b... Concentration Rank 13

| R.T. | EstConc | Area | Relative to ISTD | R.T. |
|---|---|---|---|---|
| 21.085 | 3.68 ng/ul | 155692 | Chrysene-d12 | 22.066 |

| Hit# of 5 | Tentative ID | MW | MolForm | CAS# | Qual |
|---|---|---|---|---|---|
| 1 | 4,6-Dimethyl-3'-hydroxy-2-benzyl... | 266 | C17H14O3 | 002567-75-1 | 59 |
| 2 | Imidazolo[1,2-a]pyridine-6-carbo... | 265 | C16H15N3O | 093065-98-6 | 58 |
| 3 | 5,6-Dimethyl-2-[(E)-2-(3-pyridin... | 266 | C16H14N2S | 897287-01-3 | 58 |
| 4 | Cobalt, (.eta.5-2,4-cyclopentadi... | 266 | C16H15Co | 062200-89-9 | 47 |
| 5 | 1H-Indene-1,3(2H)-dione, 2-[4-(d... | 265 | C17H15NO2 | 001225-30-5 | 43 |



Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110423\
Data File : BG059618.D
Acq On : 4 Nov 2023 11:55
Operator : MA/JU
Sample : 04996-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
A4935

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110323.MA.M
Quant Title : SVOA CALIBRATION

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

| | | | | | --Internal Standard--- | | | |
|---|---|---|---|---|---|---|---|---|
| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
| Ethanol, 2-butoxy- | 6.361 | 42.4 | ng/ul | 698299 | 1 | 8.353 | 329209 | 20.0 |
| Butane, 2,2'-[m... | 6.925 | 4.2 | ng/ul | 68915 | 1 | 8.353 | 329209 | 20.0 |
| (DEL) Alkane: C... | 7.395 | 2.4 | ng/ul | 39160 | 1 | 8.353 | 329209 | 20.0 |
| Benzyl alcohol | 8.588 | 7.5 | ng/ul | 123448 | 1 | 8.353 | 329209 | 20.0 |
| Ethanone, 1-(1-... | 9.452 | 18.3 | ng/ul | 301867 | 1 | 8.353 | 329209 | 20.0 |
| Ether, hexyl is... | 9.651 | 4.7 | ng/ul | 77078 | 1 | 8.353 | 329209 | 20.0 |
| 2-[2-[2-[2-[2-[... | 10.409 | 5.2 | ng/ul | 128389 | 2 | 11.203 | 496570 | 20.0 |
| unknown-01 | 11.449 | 4.7 | ng/ul | 115888 | 2 | 11.203 | 496570 | 20.0 |
| 1,2-Benzisothia... | 11.872 | 3.9 | ng/ul | 97463 | 2 | 11.203 | 496570 | 20.0 |
| unknown-02 | 13.306 | 2.4 | ng/ul | 81426 | 3 | 14.980 | 694337 | 20.0 |
| Propanoic acid,... | 13.553 | 4.0 | ng/ul | 138261 | 3 | 14.980 | 694337 | 20.0 |
| 2,4,7,9-Tetrame... | 13.817 | 12.3 | ng/ul | 427756 | 3 | 14.980 | 694337 | 20.0 |
| Benzaldehyde, 3... | 13.911 | 21.4 | ng/ul | 744701 | 3 | 14.980 | 694337 | 20.0 |
| unknown-03 | 18.353 | 27.5 | ng/ul | 1196480 | 4 | 17.730 | 868956 | 20.0 |
| 4,6-Dimethyl-3'... | 21.085 | 3.7 | ng/ul | 155692 | 5 | 22.066 | 845678 | 20.0 |