

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060424\  
 Data File : BG061451.D  
 Acq On : 4 Jun 2024 12:04  
 Operator : MA/JU  
 Sample : PB161141BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK141

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-BG052124.MA.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG061451.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 3.070       | 10            | 14          | 23           | rVB      | 19245          | 28086         | 1.93%           | 0.222%        |
| 2         | 3.329       | 54            | 58          | 65           | rVB      | 6141           | 8920          | 0.61%           | 0.070%        |
| 3         | 3.734       | 122           | 127         | 139          | rBV      | 105927         | 171187        | 11.79%          | 1.351%        |
| 4         | 4.069       | 179           | 184         | 188          | rVB3     | 1139           | 1477          | 0.10%           | 0.012%        |
| 5         | 7.066       | 687           | 694         | 704          | rBV      | 121591         | 205767        | 14.17%          | 1.624%        |
| 6         | 7.201       | 711           | 717         | 725          | rVB      | 85144          | 137004        | 9.43%           | 1.082%        |
| 7         | 7.412       | 747           | 753         | 761          | rBB      | 120892         | 188861        | 13.00%          | 1.491%        |
| 8         | 7.871       | 824           | 831         | 839          | rVB      | 111638         | 179241        | 12.34%          | 1.415%        |
| 9         | 8.599       | 947           | 955         | 965          | rBV      | 174864         | 293691        | 20.22%          | 2.318%        |
| 10        | 9.034       | 1021          | 1029        | 1036         | rBV      | 147137         | 252317        | 17.37%          | 1.992%        |
| 11        | 9.757       | 1145          | 1152        | 1159         | rVB      | 132638         | 234320        | 16.13%          | 1.850%        |
| 12        | 10.309      | 1238          | 1246        | 1256         | rBV      | 174859         | 315774        | 21.74%          | 2.493%        |
| 13        | 10.667      | 1298          | 1307        | 1314         | rBV      | 166329         | 277215        | 19.09%          | 2.188%        |
| 14        | 10.808      | 1323          | 1331        | 1338         | rBV      | 200659         | 342243        | 23.56%          | 2.702%        |
| 15        | 12.260      | 1573          | 1578        | 1582         | rVB3     | 2139           | 3611          | 0.25%           | 0.029%        |
| 16        | 13.917      | 1854          | 1860        | 1867         | rBV      | 428020         | 618734        | 42.60%          | 4.884%        |
| 17        | 14.204      | 1901          | 1909        | 1918         | rBV      | 418251         | 642756        | 44.25%          | 5.074%        |
| 18        | 14.510      | 1955          | 1961        | 1969         | rBV      | 302586         | 471223        | 32.44%          | 3.720%        |
| 19        | 14.757      | 1996          | 2003        | 2022         | rBV      | 127233         | 246297        | 16.96%          | 1.944%        |
| 20        | 15.509      | 2123          | 2131        | 2138         | rVB      | 604471         | 861486        | 59.31%          | 6.801%        |
| 21        | 15.650      | 2150          | 2155        | 2168         | rBV      | 213095         | 328552        | 22.62%          | 2.594%        |
| 22        | 15.744      | 2168          | 2171        | 2179         | rVB3     | 2865           | 4212          | 0.29%           | 0.033%        |
| 23        | 17.054      | 2386          | 2394        | 2397         | rBV2     | 1541           | 2875          | 0.20%           | 0.023%        |
| 24        | 17.266      | 2423          | 2430        | 2437         | rBV      | 473049         | 693578        | 47.75%          | 5.475%        |
| 25        | 17.365      | 2440          | 2447        | 2453         | rBV      | 709185         | 1051212       | 72.37%          | 8.299%        |
| 26        | 17.812      | 2519          | 2523        | 2527         | rBV2     | 1049           | 1649          | 0.11%           | 0.013%        |
| 27        | 18.494      | 2635          | 2639        | 2641         | rBV2     | 952            | 1540          | 0.11%           | 0.012%        |
| 28        | 19.016      | 2725          | 2728        | 2729         | rBV2     | 2111           | 1676          | 0.12%           | 0.013%        |
| 29        | 19.216      | 2756          | 2762        | 2767         | rBV6     | 12225          | 19159         | 1.32%           | 0.151%        |
| 30        | 19.293      | 2767          | 2775        | 2780         | rBV2     | 9689           | 16974         | 1.17%           | 0.134%        |
| 31        | 19.334      | 2780          | 2782        | 2787         | rVB4     | 1803           | 2643          | 0.18%           | 0.021%        |
| 32        | 19.451      | 2799          | 2802        | 2803         | rBV3     | 2272           | 1822          | 0.13%           | 0.014%        |
| 33        | 19.575      | 2821          | 2823        | 2826         | rVB3     | 3473           | 3378          | 0.23%           | 0.027%        |
| 34        | 19.657      | 2831          | 2837        | 2844         | rVV      | 929849         | 1311239       | 90.27%          | 10.351%       |
| 35        | 19.716      | 2846          | 2847        | 2850         | rVB3     | 2437           | 1999          | 0.14%           | 0.016%        |
| 36        | 19.880      | 2873          | 2875        | 2877         | rVB2     | 2040           | 1695          | 0.12%           | 0.013%        |

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 Sample : PB161141BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SBLK141

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-BG052124.MA.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 19.974 | 2886 | 2891 | 2893 | rBV6 | 2954   | 4390    | 0.30%   | 0.035%  |
| 38 | 20.004 | 2893 | 2896 | 2899 | rBV5 | 2590   | 3106    | 0.21%   | 0.025%  |
| 39 | 20.033 | 2899 | 2901 | 2902 | rBV2 | 2172   | 1558    | 0.11%   | 0.012%  |
| 40 | 20.051 | 2902 | 2904 | 2906 | rBV2 | 2964   | 2493    | 0.17%   | 0.020%  |
| 41 | 20.415 | 2964 | 2966 | 2968 | rBV3 | 2542   | 2301    | 0.16%   | 0.018%  |
| 42 | 20.485 | 2977 | 2978 | 2979 | rBV  | 4635   | 1831    | 0.13%   | 0.014%  |
| 43 | 20.620 | 2999 | 3001 | 3004 | rVB3 | 5237   | 4745    | 0.33%   | 0.037%  |
| 44 | 21.102 | 3081 | 3083 | 3084 | rBV2 | 4588   | 3351    | 0.23%   | 0.026%  |
| 45 | 21.519 | 3147 | 3154 | 3161 | rBV  | 566281 | 864835  | 59.54%  | 6.827%  |
| 46 | 22.283 | 3282 | 3284 | 3287 | rVB3 | 15148  | 15442   | 1.06%   | 0.122%  |
| 47 | 22.947 | 3393 | 3397 | 3402 | rVB3 | 21604  | 34137   | 2.35%   | 0.269%  |
| 48 | 23.705 | 3523 | 3526 | 3536 | rVB3 | 32051  | 58487   | 4.03%   | 0.462%  |
| 49 | 24.398 | 3634 | 3644 | 3659 | rBV2 | 551320 | 1452515 | 100.00% | 11.467% |
| 50 | 24.610 | 3671 | 3680 | 3691 | rVB  | 380019 | 1031625 | 71.02%  | 8.144%  |
| 51 | 25.685 | 3856 | 3863 | 3873 | rVB3 | 41781  | 113724  | 7.83%   | 0.898%  |
| 52 | 26.960 | 4073 | 4080 | 4090 | rVB3 | 40955  | 130978  | 9.02%   | 1.034%  |
| 53 | 27.048 | 4093 | 4095 | 4098 | rBV4 | 6022   | 7512    | 0.52%   | 0.059%  |
| 54 | 27.542 | 4178 | 4179 | 4180 | rBV  | 7747   | 3518    | 0.24%   | 0.028%  |
| 55 | 28.153 | 4281 | 4283 | 4284 | rVB2 | 7277   | 3948    | 0.27%   | 0.031%  |
| 56 | 28.417 | 4326 | 4328 | 4329 | rBV2 | 6271   | 2481    | 0.17%   | 0.020%  |

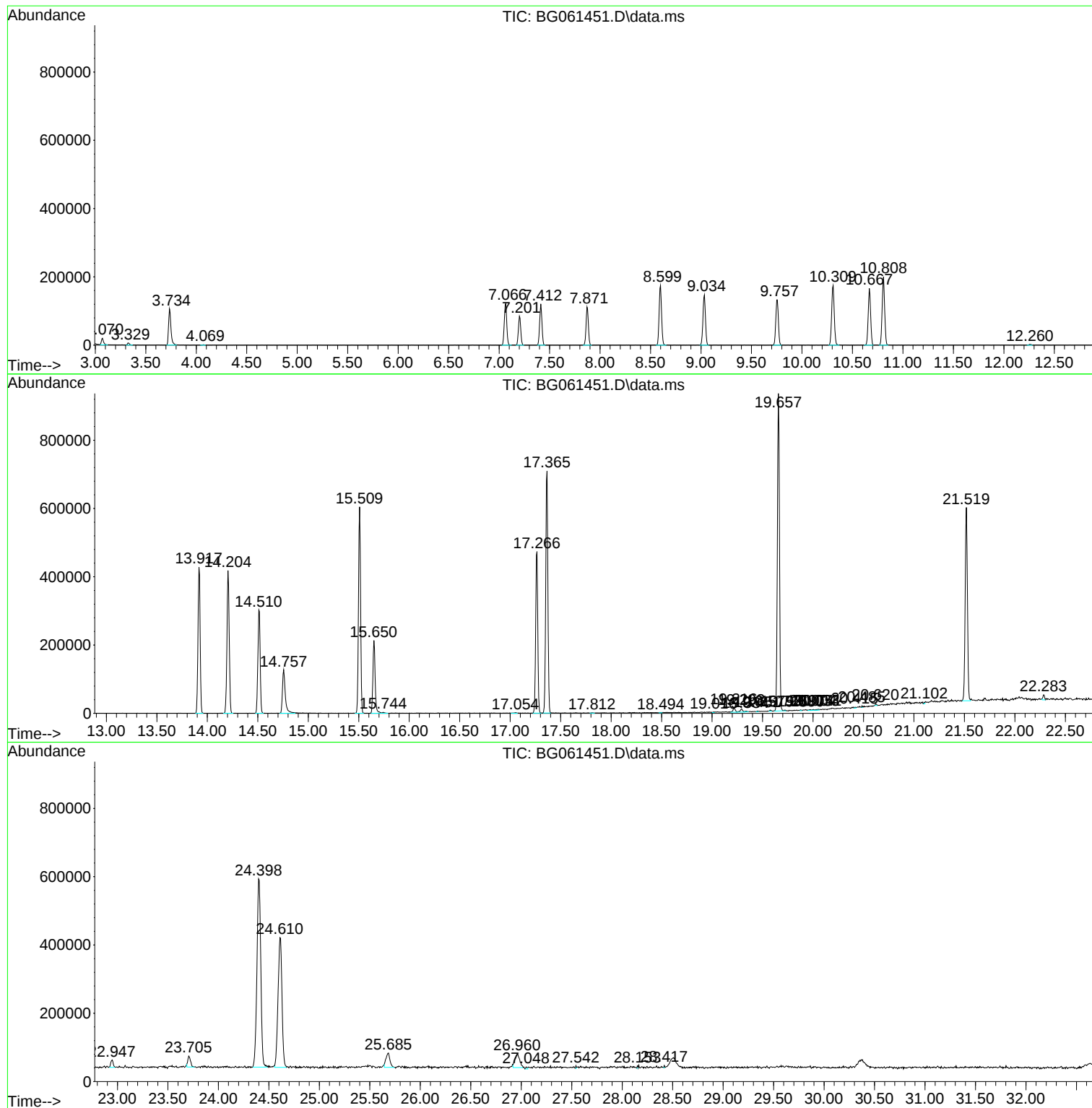
Sum of corrected areas: 12667390

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Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK141

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.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\BG060424\  
Data File : BG061451.D  
Acq On : 4 Jun 2024 12:04  
Operator : MA/JU  
Sample : PB161141BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK141

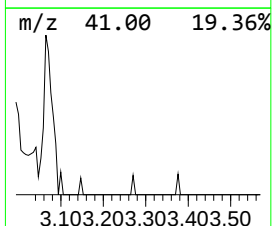
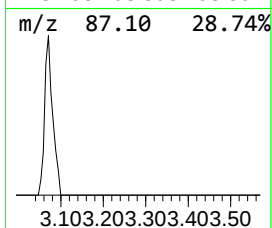
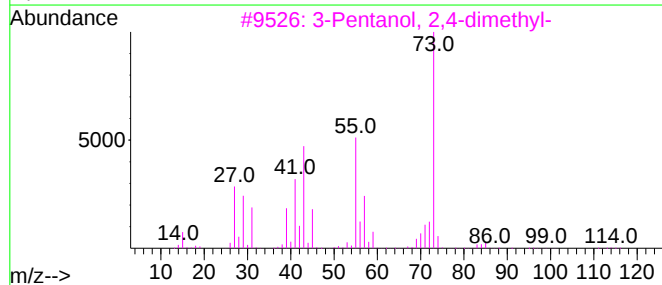
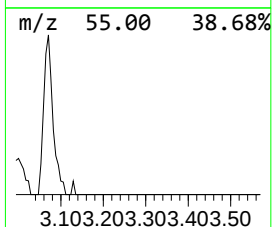
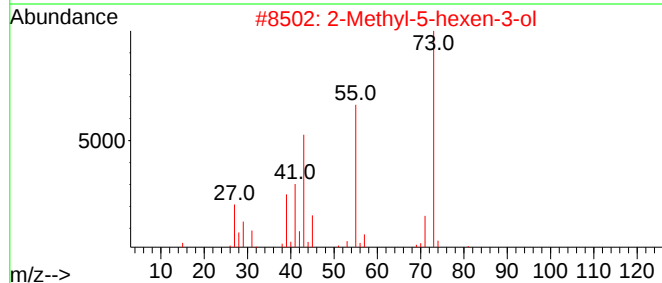
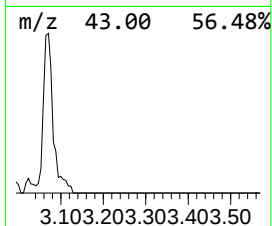
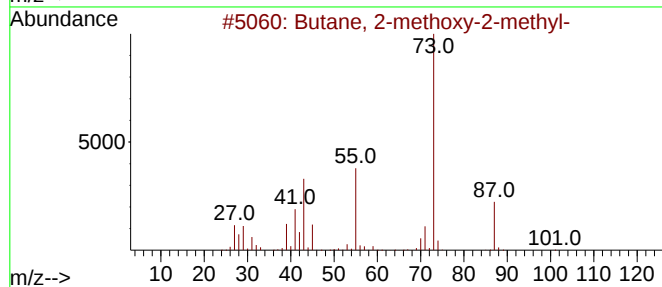
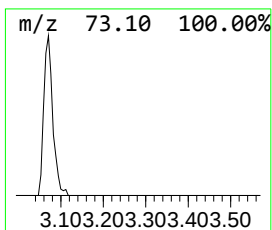
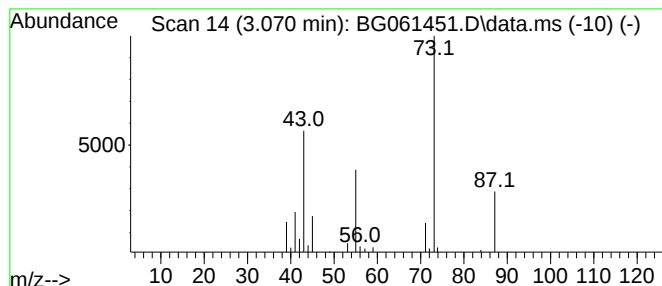
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T.  | EstConc    | Area  | Relative to ISTD       | R.T.  |
|-------|------------|-------|------------------------|-------|
| 3.070 | 3.13 ng/ul | 28086 | 1,4-Dichlorobenzene-d4 | 7.871 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 72   |
| 2    |    |   | 2-Methyl-5-hexen-3-ol       | 114 | C7H14O  | 032815-70-6 | 38   |
| 3    |    |   | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 28   |
| 4    |    |   | 3-Pentanol, 3-methyl-       | 102 | C6H14O  | 000077-74-7 | 28   |
| 5    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 12   |



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Sample : PB161141BL  
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ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK141

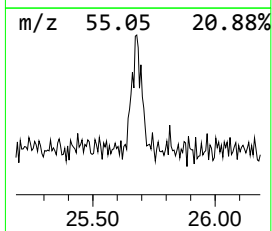
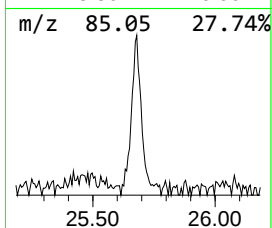
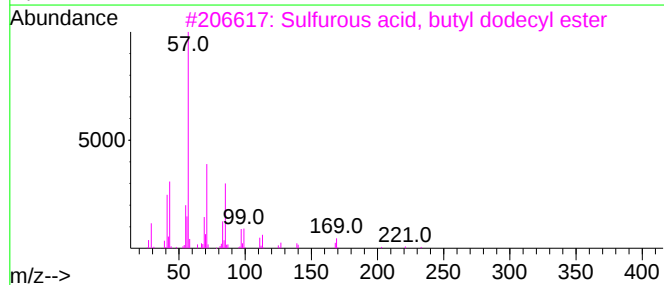
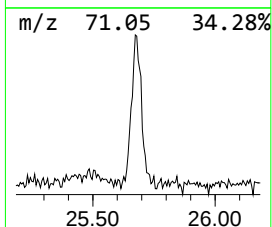
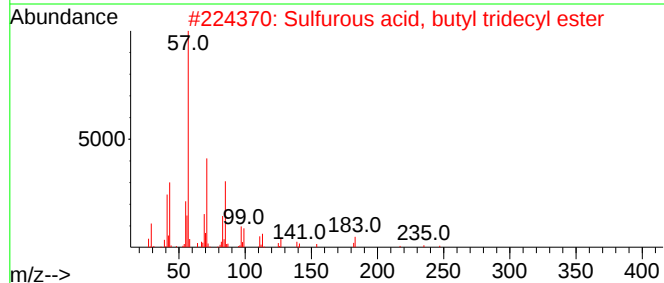
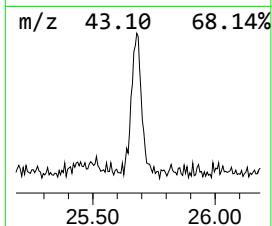
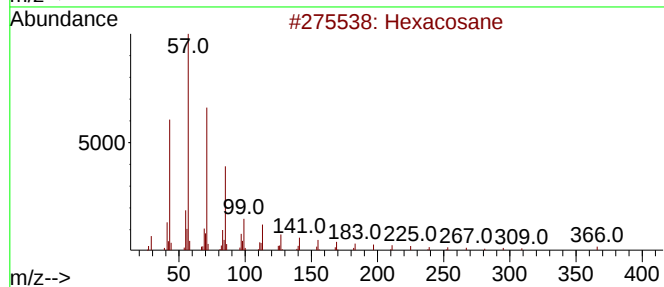
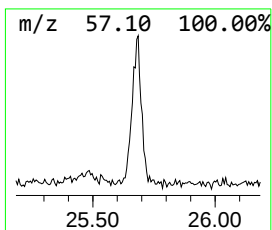
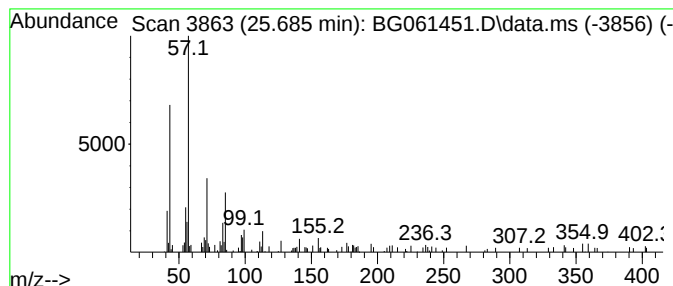
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 25.685 | 2.20 ng/ul | 113724 | Perylene-d12     | 24.610 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Hexacosane                          | 366 | C26H54    | 000630-01-3  | 86   |
| 2    |      | Sulfurous acid, butyl tridecyl e... | 320 | C17H36O3S | 1000309-18-0 | 72   |
| 3    |      | Sulfurous acid, butyl dodecyl ester | 306 | C16H34O3S | 1000309-17-9 | 72   |
| 4    |      | Pentadecane, 2-methyl-              | 226 | C16H34    | 001560-93-6  | 62   |
| 5    |      | Dotriacontane, 1-iodo-              | 576 | C32H65I   | 1000406-32-4 | 58   |



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Sample : PB161141BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SBLK141

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

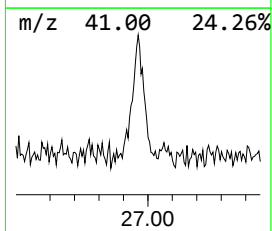
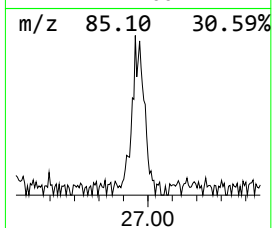
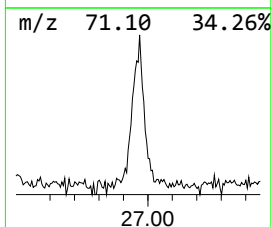
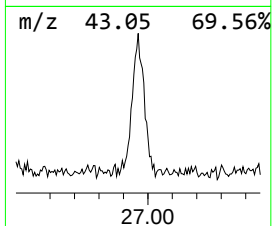
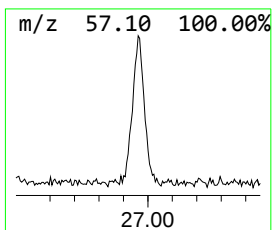
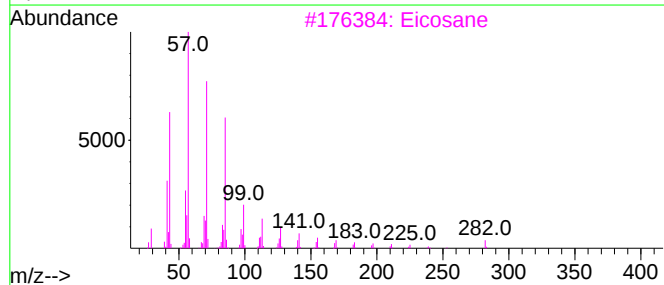
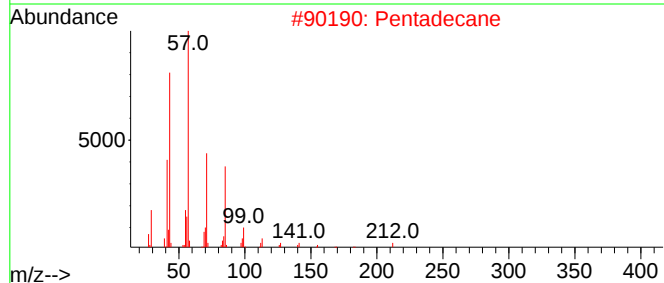
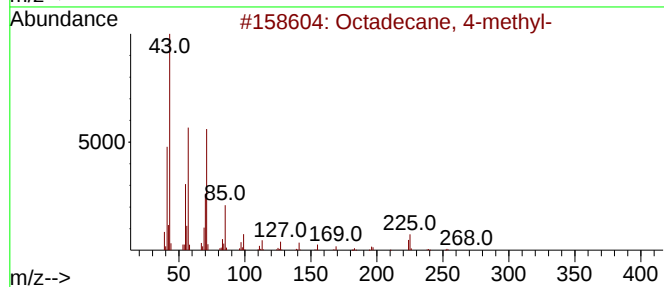
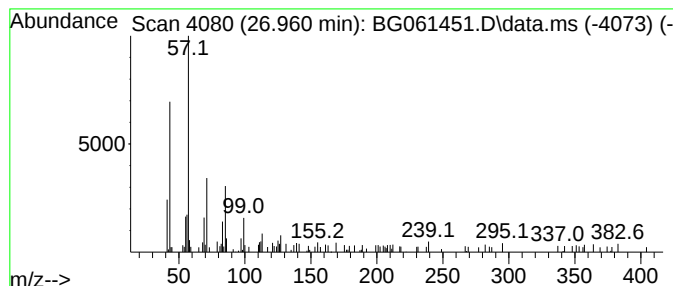
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 26.960 | 2.54 ng/ul | 130978 | Perylene-d12     | 24.610 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Octadecane, 4-methyl-               | 268 | C19H40  | 010544-95-3 | 46   |
| 2    |      | Pentadecane                         | 212 | C15H32  | 000629-62-9 | 45   |
| 3    |      | Eicosane                            | 282 | C20H42  | 000112-95-8 | 43   |
| 4    |      | Docosane, 11-decyl-                 | 451 | C32H66  | 055401-55-3 | 43   |
| 5    |      | Pentadecane, 2,6,10,14-tetramethyl- | 268 | C19H40  | 001921-70-6 | 41   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG052124.MA.M  
Quant Title : SVOA CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butane, 2-metho... | 3.070  | 3.1     | ng/ul | 28086    | 1                     | 7.871  | 179241  | 20.0 |
| (DEL) Alkane: S... | 25.685 | 2.2     | ng/ul | 113724   | 6                     | 24.610 | 1031630 | 20.0 |
| (DEL) Alkane: S... | 26.960 | 2.5     | ng/ul | 130978   | 6                     | 24.610 | 1031630 | 20.0 |