

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110321\  
 Data File : BG050845.D  
 Acq On : 3 Nov 2021 11:26  
 Operator : CG/JU  
 Sample : M4412-04  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BG360

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: BG050845.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         | 3.588       | 12            | 17          | 25           | rVB2     | 7435           | 12471         | 1.18%           | 0.129%        |
| 2         | 3.730       | 38            | 41          | 45           | rVB3     | 1153           | 1684          | 0.16%           | 0.017%        |
| 3         | 4.017       | 86            | 90          | 101          | rBV      | 31865          | 57441         | 5.41%           | 0.594%        |
| 4         | 4.247       | 124           | 129         | 137          | rVB3     | 4361           | 7659          | 0.72%           | 0.079%        |
| 5         | 4.358       | 142           | 148         | 152          | rBV3     | 1792           | 3194          | 0.30%           | 0.033%        |
| 6         | 5.298       | 303           | 308         | 309          | rBV3     | 1501           | 1608          | 0.15%           | 0.017%        |
| 7         | 7.196       | 628           | 631         | 635          | rVB3     | 1619           | 2059          | 0.19%           | 0.021%        |
| 8         | 7.372       | 655           | 661         | 673          | rVB2     | 36733          | 69307         | 6.53%           | 0.717%        |
| 9         | 7.543       | 683           | 690         | 700          | rVB      | 112621         | 194170        | 18.30%          | 2.007%        |
| 10        | 7.754       | 719           | 726         | 735          | rBV      | 111122         | 194473        | 18.33%          | 2.010%        |
| 11        | 8.189       | 795           | 800         | 801          | rVV3     | 2163           | 2700          | 0.25%           | 0.028%        |
| 12        | 8.230       | 801           | 807         | 818          | rVB      | 94936          | 161793        | 15.25%          | 1.673%        |
| 13        | 8.442       | 839           | 843         | 850          | rVB4     | 4189           | 6144          | 0.58%           | 0.064%        |
| 14        | 8.753       | 892           | 896         | 901          | rVV2     | 2305           | 4082          | 0.38%           | 0.042%        |
| 15        | 8.923       | 914           | 925         | 938          | rBV      | 90564          | 171393        | 16.15%          | 1.772%        |
| 16        | 9.399       | 998           | 1006        | 1020         | rBV      | 136517         | 254623        | 24.00%          | 2.632%        |
| 17        | 9.769       | 1062          | 1069        | 1072         | rBV3     | 1591           | 2696          | 0.25%           | 0.028%        |
| 18        | 10.128      | 1123          | 1130        | 1139         | rBV      | 111343         | 205977        | 19.41%          | 2.129%        |
| 19        | 10.668      | 1214          | 1222        | 1235         | rBV      | 144853         | 272348        | 25.67%          | 2.816%        |
| 20        | 10.798      | 1238          | 1244        | 1254         | rBV2     | 51110          | 96881         | 9.13%           | 1.002%        |
| 21        | 10.992      | 1273          | 1277        | 1280         | rVB3     | 1202           | 1552          | 0.15%           | 0.016%        |
| 22        | 11.056      | 1280          | 1288        | 1295         | rBV      | 137005         | 249672        | 23.53%          | 2.581%        |
| 23        | 11.185      | 1303          | 1310        | 1323         | rBV      | 132759         | 256263        | 24.15%          | 2.649%        |
| 24        | 12.625      | 1551          | 1555        | 1561         | rVB3     | 3098           | 4751          | 0.45%           | 0.049%        |
| 25        | 13.207      | 1650          | 1654        | 1660         | rVB4     | 1703           | 2419          | 0.23%           | 0.025%        |
| 26        | 13.448      | 1692          | 1695        | 1699         | rVB2     | 3043           | 3431          | 0.32%           | 0.035%        |
| 27        | 13.718      | 1739          | 1741        | 1746         | rVB4     | 1437           | 1973          | 0.19%           | 0.020%        |
| 28        | 14.247      | 1824          | 1831        | 1837         | rBV      | 351712         | 522352        | 49.23%          | 5.400%        |
| 29        | 14.476      | 1865          | 1870        | 1871         | rVV2     | 1579           | 1555          | 0.15%           | 0.016%        |
| 30        | 14.552      | 1875          | 1883        | 1892         | rVV      | 361736         | 595806        | 56.16%          | 6.159%        |
| 31        | 14.852      | 1927          | 1934        | 1945         | rVB      | 240127         | 377664        | 35.60%          | 3.904%        |
| 32        | 15.046      | 1961          | 1967        | 1977         | rVV3     | 29252          | 61921         | 5.84%           | 0.640%        |
| 33        | 15.116      | 1977          | 1979        | 1982         | rVV2     | 1806           | 2530          | 0.24%           | 0.026%        |
| 34        | 15.151      | 1982          | 1985        | 1992         | rVB3     | 1401           | 2963          | 0.28%           | 0.031%        |
| 35        | 15.616      | 2058          | 2064        | 2068         | rBV2     | 2758           | 4427          | 0.42%           | 0.046%        |
| 36        | 15.657      | 2068          | 2071        | 2076         | rVB4     | 1378           | 2091          | 0.20%           | 0.022%        |

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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 | 15.839 | 2095 | 2102 | 2111 | rBV  | 496956 | 771034  | 72.67%  | 7.971%  |
| 38 | 15.956 | 2116 | 2122 | 2137 | rBV  | 156479 | 245068  | 23.10%  | 2.534%  |
| 39 | 16.074 | 2140 | 2142 | 2144 | rBV2 | 1786   | 1568    | 0.15%   | 0.016%  |
| 40 | 16.221 | 2163 | 2167 | 2172 | rBV2 | 6499   | 9169    | 0.86%   | 0.095%  |
| 41 | 16.285 | 2175 | 2178 | 2181 | rBV3 | 2022   | 2455    | 0.23%   | 0.025%  |
| 42 | 16.526 | 2217 | 2219 | 2224 | rVB4 | 1821   | 2370    | 0.22%   | 0.025%  |
| 43 | 16.714 | 2243 | 2251 | 2255 | rBV4 | 1668   | 2660    | 0.25%   | 0.027%  |
| 44 | 16.861 | 2271 | 2276 | 2278 | rVV3 | 1200   | 1736    | 0.16%   | 0.018%  |
| 45 | 17.314 | 2348 | 2353 | 2358 | rBV3 | 2278   | 3628    | 0.34%   | 0.038%  |
| 46 | 17.478 | 2375 | 2381 | 2384 | rBV5 | 3343   | 5412    | 0.51%   | 0.056%  |
| 47 | 17.554 | 2390 | 2394 | 2395 | rBV2 | 1219   | 1539    | 0.15%   | 0.016%  |
| 48 | 17.596 | 2395 | 2401 | 2408 | rVV  | 320200 | 495370  | 46.69%  | 5.121%  |
| 49 | 17.648 | 2408 | 2410 | 2412 | rVV2 | 1875   | 2398    | 0.23%   | 0.025%  |
| 50 | 17.695 | 2412 | 2418 | 2429 | rVB2 | 589053 | 905642  | 85.36%  | 9.363%  |
| 51 | 17.977 | 2463 | 2466 | 2472 | rVB4 | 1629   | 2348    | 0.22%   | 0.024%  |
| 52 | 18.054 | 2475 | 2479 | 2482 | rVB2 | 1554   | 2406    | 0.23%   | 0.025%  |
| 53 | 18.230 | 2505 | 2509 | 2513 | rBV  | 22712  | 29368   | 2.77%   | 0.304%  |
| 54 | 18.747 | 2592 | 2597 | 2598 | rBV3 | 2594   | 3902    | 0.37%   | 0.040%  |
| 55 | 18.976 | 2634 | 2636 | 2638 | rBV3 | 1898   | 1727    | 0.16%   | 0.018%  |
| 56 | 19.188 | 2670 | 2672 | 2676 | rBV4 | 1027   | 1567    | 0.15%   | 0.016%  |
| 57 | 19.393 | 2698 | 2707 | 2713 | rBV4 | 22120  | 32568   | 3.07%   | 0.337%  |
| 58 | 19.540 | 2725 | 2732 | 2736 | rBV6 | 8976   | 15265   | 1.44%   | 0.158%  |
| 59 | 19.611 | 2739 | 2744 | 2750 | rVB  | 8332   | 12684   | 1.20%   | 0.131%  |
| 60 | 19.781 | 2770 | 2773 | 2775 | rBV4 | 1916   | 1779    | 0.17%   | 0.018%  |
| 61 | 19.811 | 2775 | 2778 | 2782 | rBV3 | 1477   | 1794    | 0.17%   | 0.019%  |
| 62 | 19.975 | 2799 | 2806 | 2813 | rVB  | 729114 | 1060970 | 100.00% | 10.968% |
| 63 | 20.234 | 2847 | 2850 | 2855 | rBV5 | 1374   | 2600    | 0.25%   | 0.027%  |
| 64 | 20.445 | 2884 | 2886 | 2887 | rBV  | 1897   | 1864    | 0.18%   | 0.019%  |
| 65 | 20.469 | 2887 | 2890 | 2893 | rVB4 | 3061   | 4611    | 0.43%   | 0.048%  |
| 66 | 20.504 | 2893 | 2896 | 2900 | rVB3 | 1548   | 2044    | 0.19%   | 0.021%  |
| 67 | 20.545 | 2900 | 2903 | 2906 | rBV5 | 1966   | 2841    | 0.27%   | 0.029%  |
| 68 | 20.639 | 2917 | 2919 | 2921 | rBV2 | 1433   | 1626    | 0.15%   | 0.017%  |
| 69 | 20.663 | 2921 | 2923 | 2925 | rVV3 | 2516   | 1924    | 0.18%   | 0.020%  |
| 70 | 20.739 | 2934 | 2936 | 2938 | rBV3 | 1241   | 1541    | 0.15%   | 0.016%  |
| 71 | 20.868 | 2955 | 2958 | 2959 | rBV3 | 2099   | 2287    | 0.22%   | 0.024%  |
| 72 | 20.898 | 2962 | 2963 | 2965 | rVV2 | 2313   | 1529    | 0.14%   | 0.016%  |
| 73 | 20.962 | 2972 | 2974 | 2977 | rVB4 | 3999   | 4271    | 0.40%   | 0.044%  |
| 74 | 21.156 | 3005 | 3007 | 3009 | rBV3 | 1616   | 1700    | 0.16%   | 0.018%  |
| 75 | 21.491 | 3059 | 3064 | 3075 | rBV6 | 22253  | 62045   | 5.85%   | 0.641%  |
| 76 | 21.891 | 3125 | 3132 | 3141 | rVV  | 273107 | 487771  | 45.97%  | 5.043%  |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Min Area: 0.1 % of largest Peak

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

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 Title : SVOA CALIBRATION

|     |        |      |      |      |       |        |        |        |        |
|-----|--------|------|------|------|-------|--------|--------|--------|--------|
| 77  | 22.496 | 3233 | 3235 | 3237 | rBV2  | 2054   | 1700   | 0.16%  | 0.018% |
| 78  | 22.690 | 3266 | 3268 | 3274 | rVB6  | 4933   | 7213   | 0.68%  | 0.075% |
| 79  | 23.418 | 3389 | 3392 | 3397 | rVB6  | 8259   | 14504  | 1.37%  | 0.150% |
| 80  | 23.965 | 3482 | 3485 | 3486 | rBV3  | 2249   | 1868   | 0.18%  | 0.019% |
| 81  | 24.264 | 3531 | 3536 | 3543 | rVB4  | 12233  | 26312  | 2.48%  | 0.272% |
| 82  | 24.905 | 3644 | 3645 | 3648 | rBV3  | 2037   | 1642   | 0.15%  | 0.017% |
| 83  | 25.057 | 3660 | 3671 | 3684 | rVB2  | 315533 | 924331 | 87.12% | 9.556% |
| 84  | 25.287 | 3697 | 3710 | 3722 | rBV2  | 165531 | 527064 | 49.68% | 5.449% |
| 85  | 25.763 | 3789 | 3791 | 3794 | rVB5  | 2402   | 1906   | 0.18%  | 0.020% |
| 86  | 26.168 | 3857 | 3860 | 3862 | rBV3  | 2543   | 3351   | 0.32%  | 0.035% |
| 87  | 26.479 | 3906 | 3913 | 3921 | rVB5  | 15488  | 42491  | 4.00%  | 0.439% |
| 88  | 27.431 | 4073 | 4075 | 4078 | rBV3  | 1838   | 1787   | 0.17%  | 0.018% |
| 89  | 27.907 | 4148 | 4156 | 4167 | rVB7  | 12744  | 46570  | 4.39%  | 0.481% |
| 90  | 28.495 | 4254 | 4256 | 4258 | rBV3  | 1966   | 2021   | 0.19%  | 0.021% |
| 91  | 29.000 | 4339 | 4342 | 4344 | rBV4  | 2307   | 2751   | 0.26%  | 0.028% |
| 92  | 29.587 | 4440 | 4442 | 4444 | rBV3  | 3112   | 3523   | 0.33%  | 0.036% |
| 93  | 29.658 | 4444 | 4454 | 4466 | rVB10 | 9626   | 39561  | 3.73%  | 0.409% |
| 94  | 30.604 | 4613 | 4615 | 4616 | rBV2  | 2113   | 2018   | 0.19%  | 0.021% |
| 95  | 30.968 | 4675 | 4677 | 4679 | rBV3  | 2172   | 2282   | 0.22%  | 0.024% |
| 96  | 31.368 | 4744 | 4745 | 4747 | rVB2  | 3184   | 1740   | 0.16%  | 0.018% |
| 97  | 31.567 | 4776 | 4779 | 4781 | rBV4  | 2195   | 2392   | 0.23%  | 0.025% |
| 98  | 31.938 | 4841 | 4842 | 4844 | rBV2  | 2647   | 1840   | 0.17%  | 0.019% |
| 99  | 32.008 | 4852 | 4854 | 4858 | rBV5  | 2405   | 3129   | 0.29%  | 0.032% |
| 100 | 32.120 | 4872 | 4873 | 4877 | rBV4  | 1928   | 1840   | 0.17%  | 0.019% |

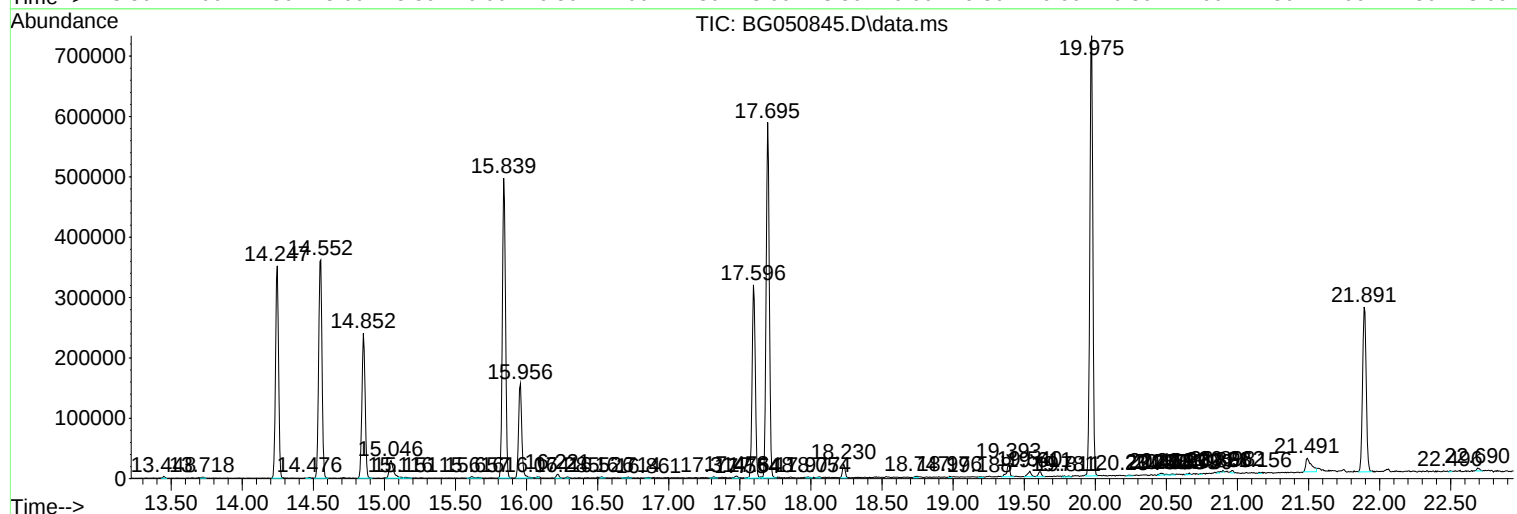
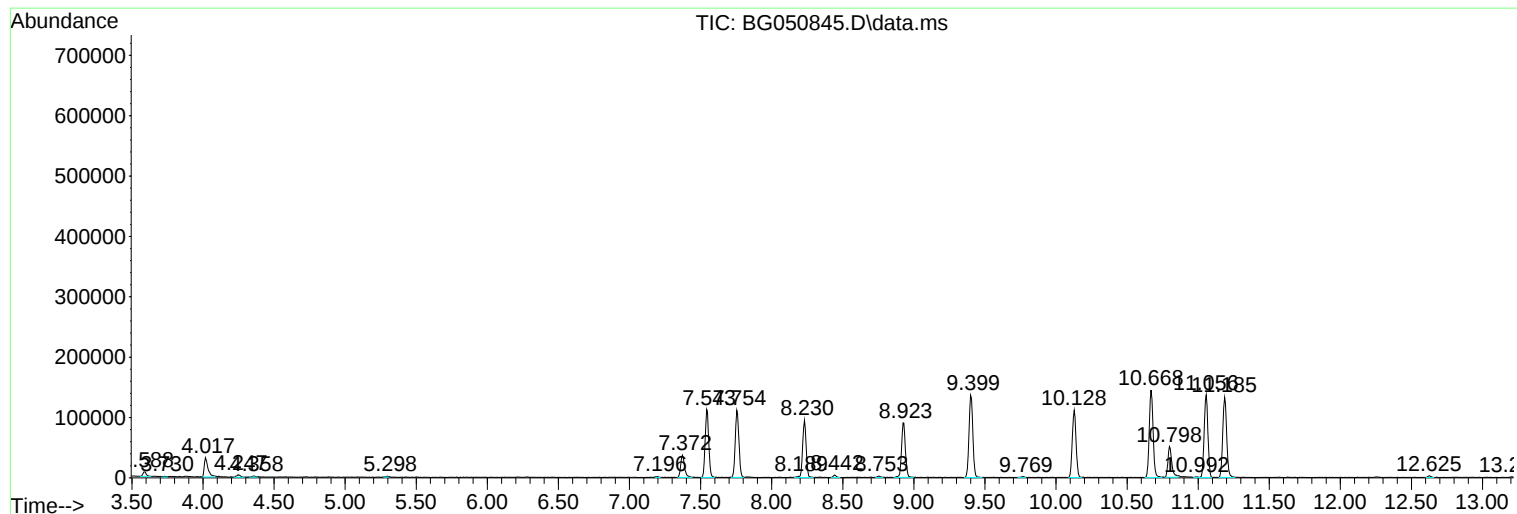
Sum of corrected areas: 9672990

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Instrument :  
BNA\_G  
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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\BG110321\  
Data File : BG050845.D  
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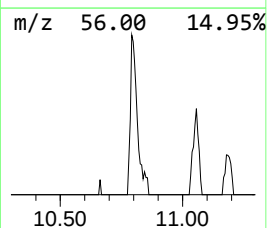
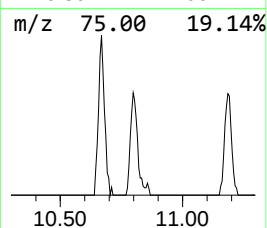
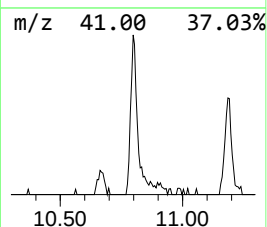
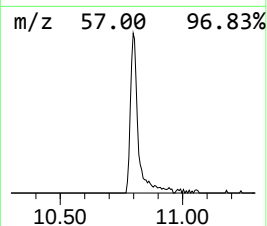
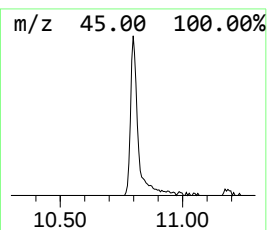
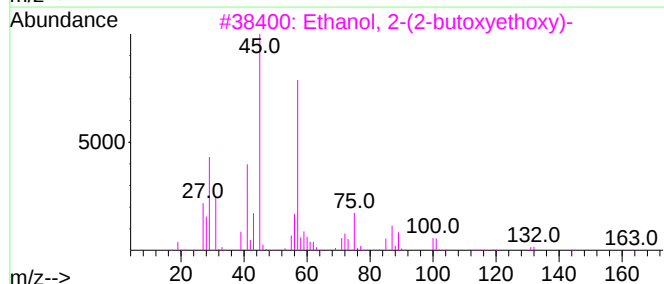
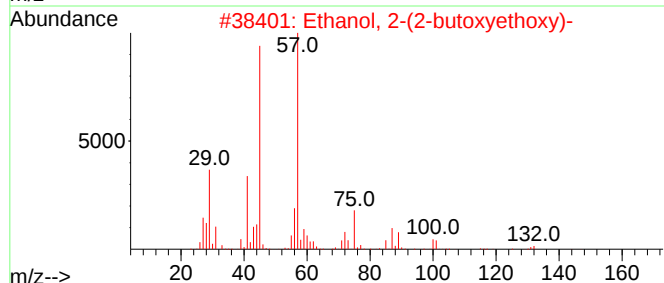
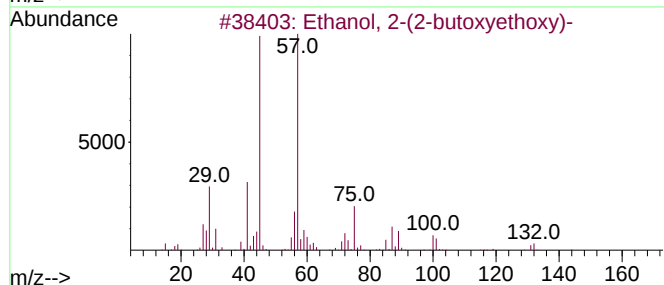
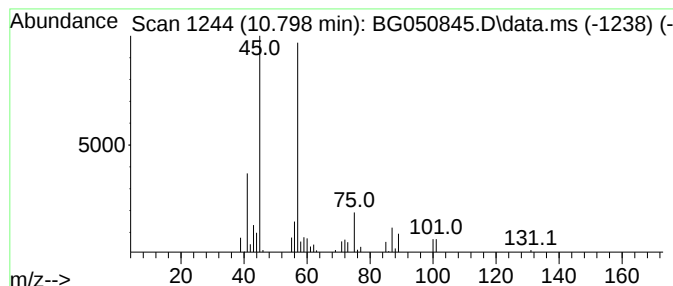
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110321.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 10.798 | 7.76 ng/ul | 96881 | Naphthalene-d8   | 11.056 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90   |
| 2    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90   |
| 3    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 83   |
| 4    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 64   |
| 5    |    |   | Di-sec-Butyl ether           | 130 | C8H18O  | 006863-58-7 | 50   |



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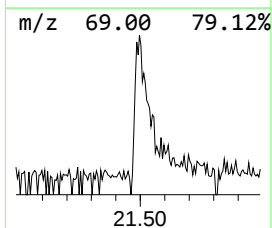
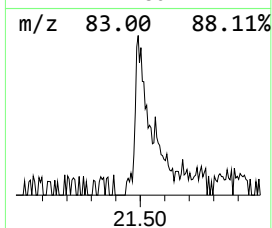
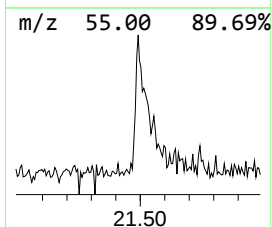
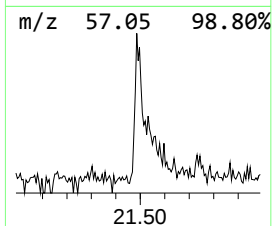
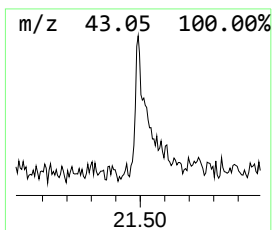
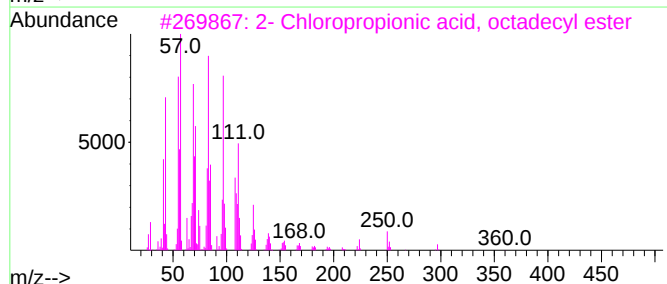
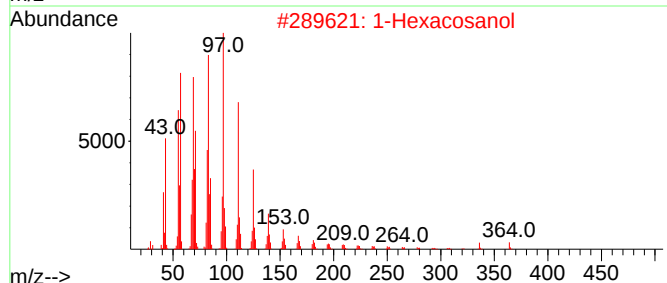
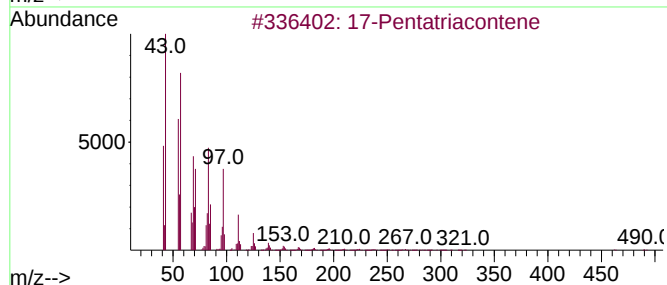
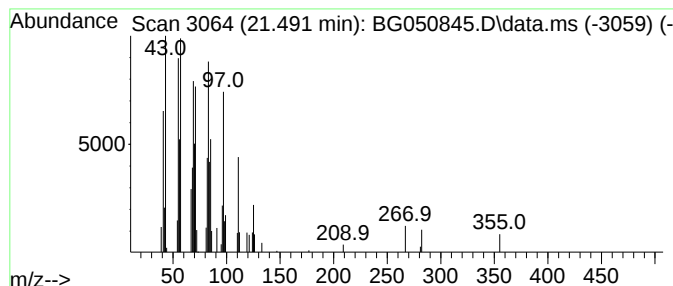
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110321.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.      | EstConc                             | Area  | Relative to ISTD |            | R.T.         |      |
|-----------|-------------------------------------|-------|------------------|------------|--------------|------|
| 21.491    | 2.54 ng/ul                          | 62045 | Chrysene-d12     |            | 21.891       |      |
| Hit# of 5 | Tentative ID                        |       | MW               | MolForm    | CAS#         | Qual |
| 1         | 17-Pentatriacontene                 |       | 491              | C35H70     | 006971-40-0  | 87   |
| 2         | 1-Hexacosanol                       |       | 382              | C26H54O    | 000506-52-5  | 87   |
| 3         | 2- Chloropropionic acid, octadec... |       | 360              | C21H41ClO2 | 088104-31-8  | 83   |
| 4         | 1-Tricosene                         |       | 322              | C23H46     | 018835-32-0  | 81   |
| 5         | Propyl triacontyl ether             |       | 481              | C33H68O    | 1000406-28-6 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110321\  
Data File : BG050845.D  
Acq On : 3 Nov 2021 11:26  
Operator : CG/JU  
Sample : M4412-04  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BG360

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Ethanol, 2-(2-b... | 10.798 | 7.8     | ng/u1 | 96881    | 2                     | 11.056 | 249672 | 20.0 |
| (DEL) Alkane: S... | 21.491 | 2.5     | ng/u1 | 62045    | 5                     | 21.891 | 487771 | 20.0 |