

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110321\  
 Data File : BG050860.D  
 Acq On : 3 Nov 2021 21:42  
 Operator : CG/JU  
 Sample : M4412-09  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BG365

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: BG050860.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         | 3.581       | 14            | 16          | 21           | rVB4     | 3898           | 5697          | 0.48%           | 0.054%        |
| 2         | 3.881       | 62            | 67          | 70           | rVV4     | 1591           | 2497          | 0.21%           | 0.024%        |
| 3         | 4.016       | 85            | 90          | 99           | rBV      | 46186          | 86094         | 7.26%           | 0.820%        |
| 4         | 4.245       | 124           | 129         | 134          | rBV2     | 4898           | 7228          | 0.61%           | 0.069%        |
| 5         | 4.357       | 142           | 148         | 154          | rBV4     | 2191           | 4195          | 0.35%           | 0.040%        |
| 6         | 4.568       | 183           | 184         | 189          | rBV5     | 1339           | 1586          | 0.13%           | 0.015%        |
| 7         | 5.297       | 305           | 308         | 312          | rVV3     | 1509           | 2304          | 0.19%           | 0.022%        |
| 8         | 7.194       | 625           | 631         | 635          | rVB4     | 2424           | 4294          | 0.36%           | 0.041%        |
| 9         | 7.371       | 653           | 661         | 671          | rBV      | 35532          | 69526         | 5.86%           | 0.662%        |
| 10        | 7.541       | 684           | 690         | 700          | rBV      | 131117         | 224698        | 18.94%          | 2.140%        |
| 11        | 7.753       | 718           | 726         | 734          | rBV      | 115149         | 210548        | 17.75%          | 2.005%        |
| 12        | 8.228       | 794           | 807         | 814          | rBV      | 99087          | 169975        | 14.33%          | 1.619%        |
| 13        | 8.281       | 814           | 816         | 821          | rVB3     | 1385           | 1642          | 0.14%           | 0.016%        |
| 14        | 8.340       | 821           | 826         | 828          | rBV2     | 1271           | 2034          | 0.17%           | 0.019%        |
| 15        | 8.440       | 837           | 843         | 849          | rBV5     | 4049           | 7386          | 0.62%           | 0.070%        |
| 16        | 8.757       | 891           | 897         | 899          | rBV3     | 2944           | 4502          | 0.38%           | 0.043%        |
| 17        | 8.928       | 919           | 926         | 933          | rVB      | 96385          | 174304        | 14.69%          | 1.660%        |
| 18        | 9.398       | 999           | 1006        | 1017         | rBV      | 155453         | 292359        | 24.65%          | 2.784%        |
| 19        | 9.768       | 1063          | 1069        | 1072         | rBV2     | 2023           | 2860          | 0.24%           | 0.027%        |
| 20        | 10.126      | 1123          | 1130        | 1138         | rBV      | 127346         | 230327        | 19.42%          | 2.193%        |
| 21        | 10.667      | 1215          | 1222        | 1234         | rBV      | 158995         | 299073        | 25.21%          | 2.848%        |
| 22        | 10.796      | 1239          | 1244        | 1256         | rVV      | 56645          | 105164        | 8.87%           | 1.001%        |
| 23        | 11.055      | 1280          | 1288        | 1296         | rVB      | 143770         | 259011        | 21.83%          | 2.466%        |
| 24        | 11.184      | 1302          | 1310        | 1322         | rBV      | 157109         | 307385        | 25.91%          | 2.927%        |
| 25        | 11.566      | 1372          | 1375        | 1379         | rVB3     | 1297           | 1691          | 0.14%           | 0.016%        |
| 26        | 12.623      | 1551          | 1555        | 1560         | rVB3     | 2544           | 4412          | 0.37%           | 0.042%        |
| 27        | 13.452      | 1691          | 1696        | 1699         | rVB4     | 2936           | 3818          | 0.32%           | 0.036%        |
| 28        | 13.728      | 1739          | 1743        | 1746         | rVB4     | 1807           | 2287          | 0.19%           | 0.022%        |
| 29        | 14.245      | 1825          | 1831        | 1838         | rBV      | 404397         | 583799        | 49.21%          | 5.559%        |
| 30        | 14.550      | 1875          | 1883        | 1890         | rBV      | 414611         | 687707        | 57.97%          | 6.549%        |
| 31        | 14.715      | 1905          | 1911        | 1917         | rVB5     | 1324           | 2065          | 0.17%           | 0.020%        |
| 32        | 14.850      | 1928          | 1934        | 1941         | rBV      | 247851         | 386773        | 32.60%          | 3.683%        |
| 33        | 15.050      | 1961          | 1968        | 1975         | rBV2     | 26401          | 55107         | 4.65%           | 0.525%        |
| 34        | 15.614      | 2060          | 2064        | 2068         | rBV2     | 3457           | 4343          | 0.37%           | 0.041%        |
| 35        | 15.661      | 2068          | 2072        | 2077         | rVB3     | 1840           | 3331          | 0.28%           | 0.032%        |
| 36        | 15.837      | 2095          | 2102        | 2110         | rBV      | 553778         | 872022        | 73.51%          | 8.304%        |

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 BG365

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

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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 | 15.955 | 2116 | 2122 | 2132 | rBV  | 171096 | 271939  | 22.92%  | 2.590%  |
| 38 | 16.072 | 2139 | 2142 | 2147 | rVB5 | 3333   | 4939    | 0.42%   | 0.047%  |
| 39 | 16.219 | 2162 | 2167 | 2173 | rBV3 | 8672   | 12158   | 1.02%   | 0.116%  |
| 40 | 16.284 | 2173 | 2178 | 2182 | rVB3 | 3483   | 4307    | 0.36%   | 0.041%  |
| 41 | 16.472 | 2206 | 2210 | 2213 | rBV3 | 1310   | 2067    | 0.17%   | 0.020%  |
| 42 | 16.531 | 2213 | 2220 | 2221 | rVV4 | 2598   | 5316    | 0.45%   | 0.051%  |
| 43 | 16.548 | 2221 | 2223 | 2227 | rVV2 | 3353   | 3624    | 0.31%   | 0.035%  |
| 44 | 16.713 | 2247 | 2251 | 2255 | rBV4 | 2072   | 2224    | 0.19%   | 0.021%  |
| 45 | 17.312 | 2349 | 2353 | 2358 | rBV5 | 2705   | 3529    | 0.30%   | 0.034%  |
| 46 | 17.371 | 2358 | 2363 | 2366 | rBV4 | 1935   | 3021    | 0.25%   | 0.029%  |
| 47 | 17.476 | 2375 | 2381 | 2384 | rBV4 | 3060   | 5013    | 0.42%   | 0.048%  |
| 48 | 17.594 | 2395 | 2401 | 2408 | rBV  | 322280 | 507106  | 42.75%  | 4.829%  |
| 49 | 17.694 | 2412 | 2418 | 2429 | rVV  | 624686 | 986290  | 83.14%  | 9.392%  |
| 50 | 17.782 | 2429 | 2433 | 2437 | rVB5 | 3032   | 4660    | 0.39%   | 0.044%  |
| 51 | 17.847 | 2443 | 2444 | 2449 | rBV3 | 1544   | 2225    | 0.19%   | 0.021%  |
| 52 | 17.935 | 2456 | 2459 | 2463 | rBV5 | 833    | 1507    | 0.13%   | 0.014%  |
| 53 | 17.982 | 2463 | 2467 | 2468 | rVB3 | 1513   | 1681    | 0.14%   | 0.016%  |
| 54 | 18.046 | 2476 | 2478 | 2482 | rBV3 | 1534   | 1832    | 0.15%   | 0.017%  |
| 55 | 18.111 | 2486 | 2489 | 2490 | rBV2 | 1232   | 1552    | 0.13%   | 0.015%  |
| 56 | 18.229 | 2504 | 2509 | 2515 | rVB  | 23355  | 29954   | 2.53%   | 0.285%  |
| 57 | 18.458 | 2542 | 2548 | 2549 | rBV5 | 1909   | 2877    | 0.24%   | 0.027%  |
| 58 | 18.522 | 2557 | 2559 | 2564 | rBV3 | 2090   | 2456    | 0.21%   | 0.023%  |
| 59 | 18.740 | 2593 | 2596 | 2599 | rBV3 | 2079   | 2502    | 0.21%   | 0.024%  |
| 60 | 18.828 | 2607 | 2611 | 2614 | rVB5 | 1249   | 2339    | 0.20%   | 0.022%  |
| 61 | 18.975 | 2633 | 2636 | 2640 | rVB5 | 2154   | 3025    | 0.26%   | 0.029%  |
| 62 | 19.180 | 2667 | 2671 | 2672 | rBV5 | 2040   | 1856    | 0.16%   | 0.018%  |
| 63 | 19.286 | 2687 | 2689 | 2693 | rVB3 | 1470   | 1675    | 0.14%   | 0.016%  |
| 64 | 19.362 | 2699 | 2702 | 2703 | rBV3 | 3071   | 2664    | 0.22%   | 0.025%  |
| 65 | 19.392 | 2703 | 2707 | 2710 | rVB3 | 8421   | 9219    | 0.78%   | 0.088%  |
| 66 | 19.539 | 2726 | 2732 | 2736 | rVB3 | 8874   | 14323   | 1.21%   | 0.136%  |
| 67 | 19.609 | 2739 | 2744 | 2750 | rVB  | 9654   | 15194   | 1.28%   | 0.145%  |
| 68 | 19.974 | 2799 | 2806 | 2813 | rVB  | 782121 | 1186266 | 100.00% | 11.296% |
| 69 | 20.461 | 2886 | 2889 | 2892 | rBV4 | 2224   | 2776    | 0.23%   | 0.026%  |
| 70 | 20.649 | 2919 | 2921 | 2923 | rBV3 | 1868   | 1780    | 0.15%   | 0.017%  |
| 71 | 20.808 | 2945 | 2948 | 2950 | rBV3 | 2371   | 2203    | 0.19%   | 0.021%  |
| 72 | 20.831 | 2950 | 2952 | 2954 | rBV3 | 2823   | 2559    | 0.22%   | 0.024%  |
| 73 | 20.867 | 2956 | 2958 | 2960 | rVV3 | 1983   | 1686    | 0.14%   | 0.016%  |
| 74 | 20.902 | 2960 | 2964 | 2965 | rVB4 | 2297   | 2568    | 0.22%   | 0.024%  |
| 75 | 21.143 | 3004 | 3005 | 3009 | rBV4 | 2001   | 2216    | 0.19%   | 0.021%  |
| 76 | 21.489 | 3060 | 3064 | 3073 | rBV5 | 25170  | 63243   | 5.33%   | 0.602%  |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

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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  | 21.742 | 3103 | 3107 | 3112 | rBV5 | 4873   | 6892    | 0.58%  | 0.066%  |
| 78  | 21.889 | 3125 | 3132 | 3143 | rVB  | 292704 | 516071  | 43.50% | 4.914%  |
| 79  | 22.018 | 3152 | 3154 | 3157 | rBV4 | 2103   | 1890    | 0.16%  | 0.018%  |
| 80  | 22.365 | 3211 | 3213 | 3215 | rBV3 | 2335   | 1695    | 0.14%  | 0.016%  |
| 81  | 22.441 | 3224 | 3226 | 3227 | rBV2 | 1949   | 1447    | 0.12%  | 0.014%  |
| 82  | 22.688 | 3265 | 3268 | 3275 | rVB6 | 5035   | 7929    | 0.67%  | 0.076%  |
| 83  | 23.417 | 3389 | 3392 | 3398 | rVB5 | 7590   | 12015   | 1.01%  | 0.114%  |
| 84  | 24.274 | 3531 | 3538 | 3545 | rVB4 | 11362  | 26967   | 2.27%  | 0.257%  |
| 85  | 25.056 | 3658 | 3671 | 3684 | rBV2 | 353600 | 1055688 | 88.99% | 10.053% |
| 86  | 25.291 | 3700 | 3711 | 3723 | rVB2 | 173030 | 527960  | 44.51% | 5.028%  |
| 87  | 25.867 | 3807 | 3809 | 3811 | rBV2 | 2062   | 1471    | 0.12%  | 0.014%  |
| 88  | 25.890 | 3811 | 3813 | 3816 | rBV4 | 2117   | 1542    | 0.13%  | 0.015%  |
| 89  | 26.472 | 3904 | 3912 | 3913 | rBV4 | 9420   | 19007   | 1.60%  | 0.181%  |
| 90  | 26.613 | 3934 | 3936 | 3939 | rBV4 | 1743   | 2295    | 0.19%  | 0.022%  |
| 91  | 27.183 | 4032 | 4033 | 4034 | rBV  | 2435   | 1548    | 0.13%  | 0.015%  |
| 92  | 27.911 | 4151 | 4157 | 4166 | rVB7 | 9515   | 28961   | 2.44%  | 0.276%  |
| 93  | 29.280 | 4388 | 4390 | 4394 | rBV5 | 1731   | 2861    | 0.24%  | 0.027%  |
| 94  | 29.609 | 4441 | 4446 | 4447 | rBV4 | 3822   | 5030    | 0.42%  | 0.048%  |
| 95  | 29.645 | 4447 | 4452 | 4455 | rVV6 | 4424   | 9461    | 0.80%  | 0.090%  |
| 96  | 29.868 | 4488 | 4490 | 4492 | rBV3 | 3054   | 2089    | 0.18%  | 0.020%  |
| 97  | 30.726 | 4634 | 4636 | 4638 | rBV3 | 1911   | 1624    | 0.14%  | 0.015%  |
| 98  | 30.790 | 4645 | 4647 | 4650 | rBV4 | 1772   | 2222    | 0.19%  | 0.021%  |
| 99  | 31.260 | 4725 | 4727 | 4729 | rBV3 | 2865   | 2637    | 0.22%  | 0.025%  |
| 100 | 32.535 | 4942 | 4944 | 4945 | rVB2 | 2474   | 1479    | 0.12%  | 0.014%  |

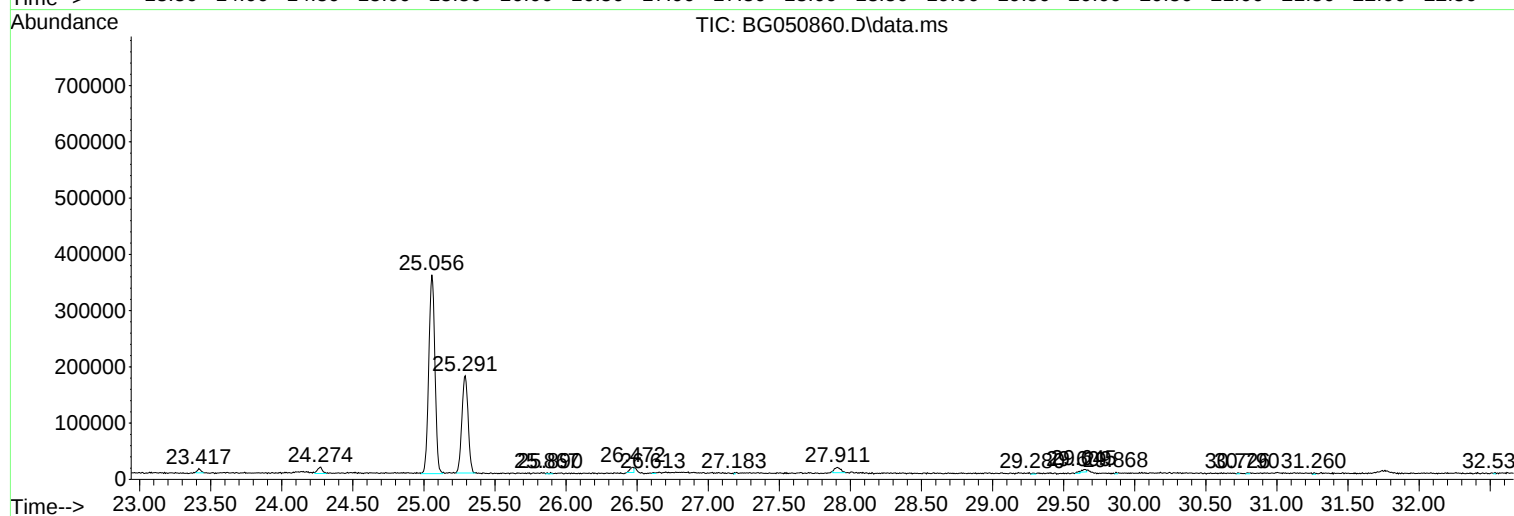
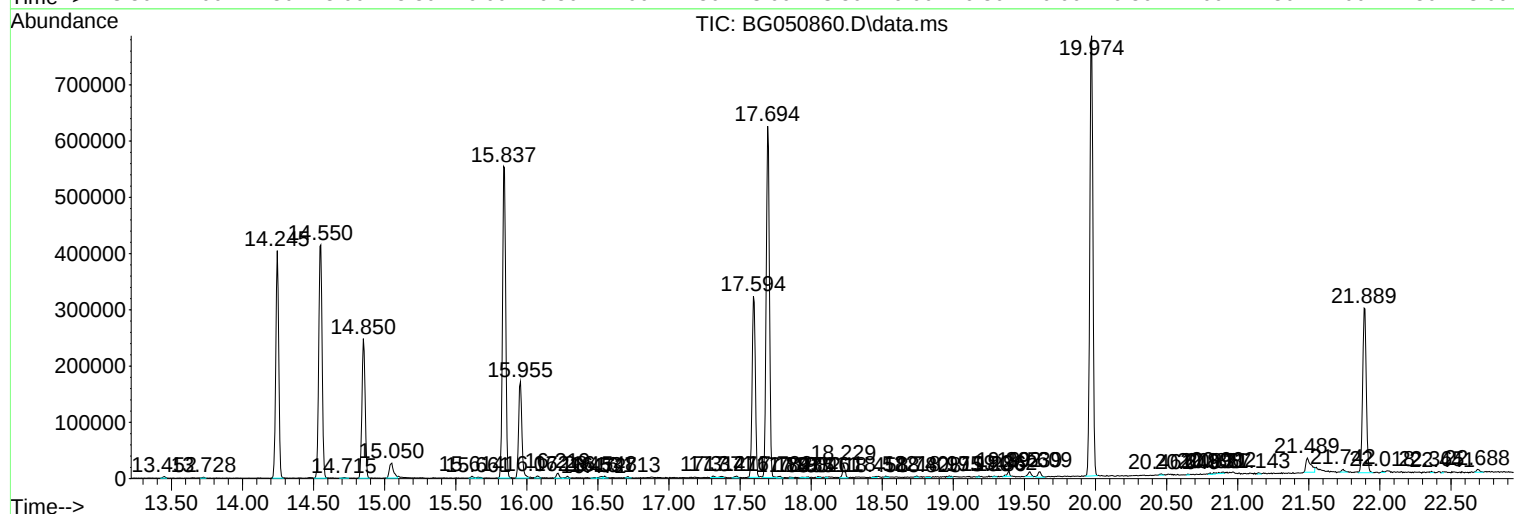
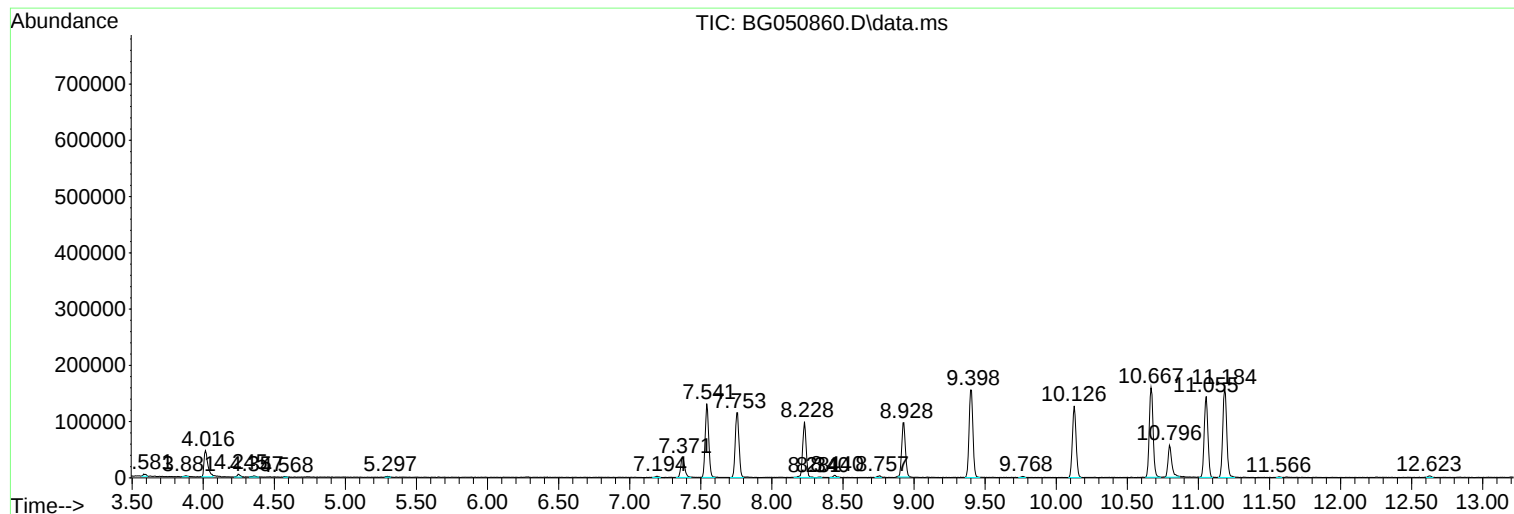
Sum of corrected areas: 10501196

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Instrument :  
BNA\_G  
ClientSampleId :  
BG365

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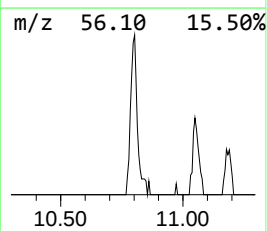
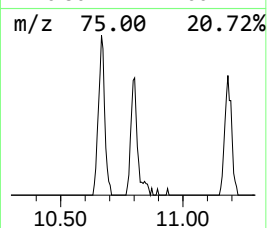
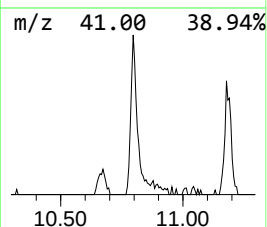
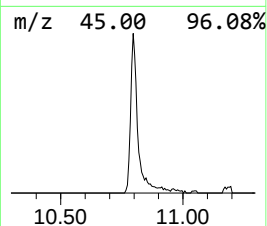
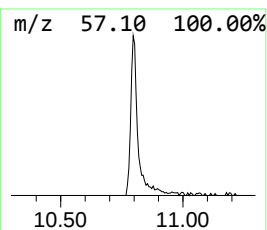
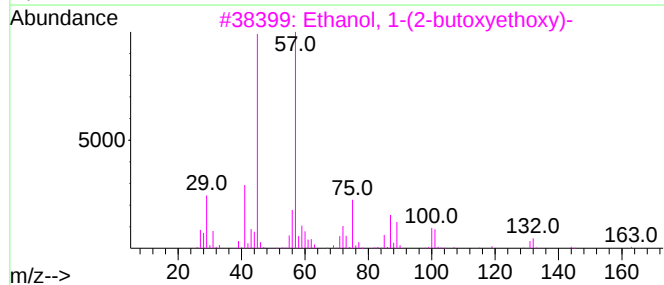
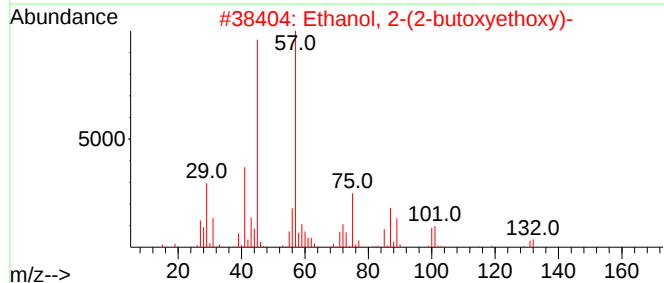
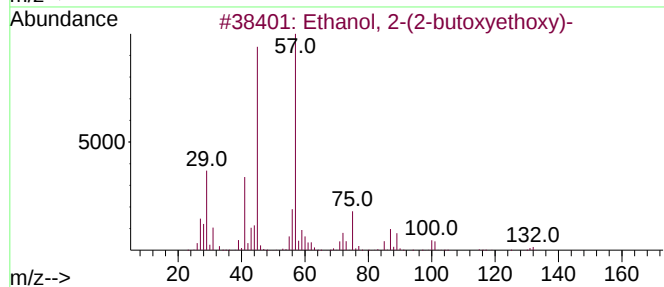
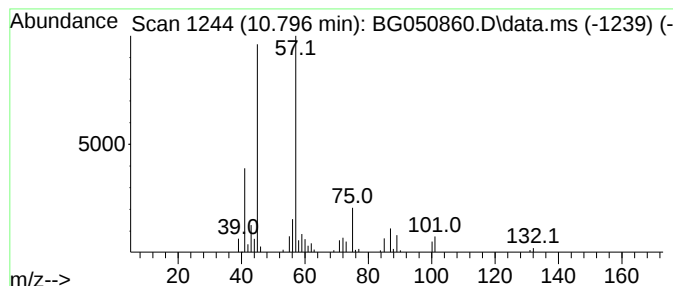
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110321.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 10.796 | 8.12 ng/ul | 105164 | Naphthalene-d8   | 11.055 |

| 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, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 90   |
| 4    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 86   |
| 5    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 83   |



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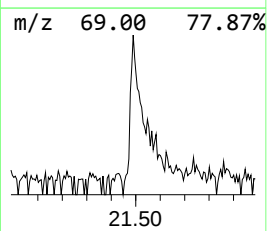
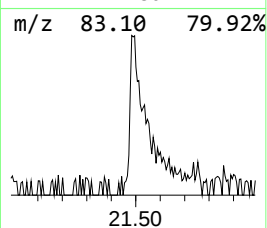
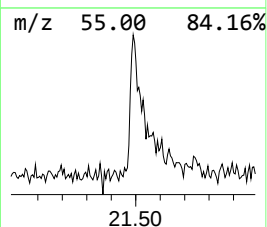
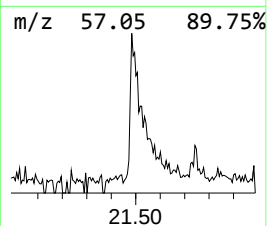
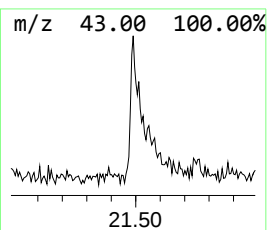
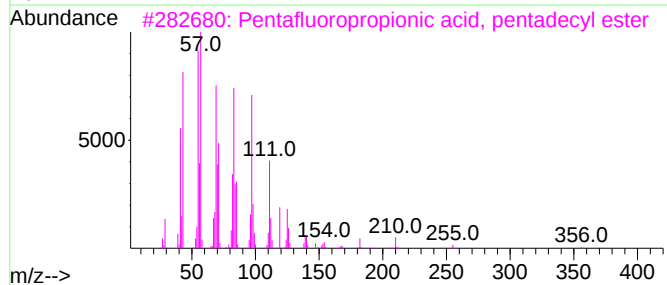
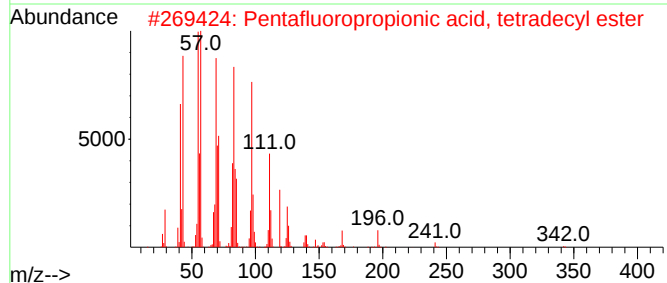
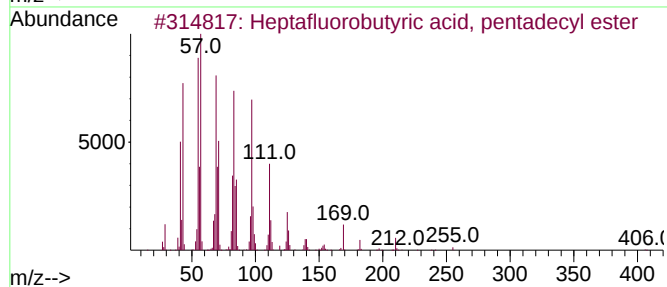
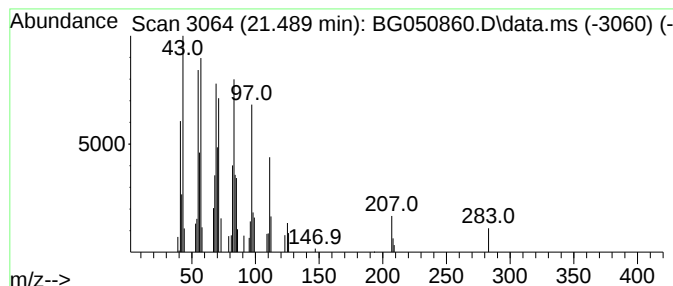
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110321.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Heptafluorobutyric acid, pe... Concentration Rank 2

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 21.489 | 2.45 ng/ul | 63243 | Chrysene-d12     | 21.895 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 91   |
| 2    |    |   | Pentafluoropropionic acid, tetra... | 360 | C17H29F5O2 | 006222-06-6 | 91   |
| 3    |    |   | Pentafluoropropionic acid, penta... | 374 | C18H31F5O2 | 959092-08-1 | 91   |
| 4    |    |   | Heptadecyl heptafluorobutyrate      | 452 | C21H35F7O2 | 959085-66-6 | 91   |
| 5    |    |   | Heptafluorobutyric acid, n-tetra... | 410 | C18H29F7O2 | 007365-36-8 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110321\  
Data File : BG050860.D  
Acq On : 3 Nov 2021 21:42  
Operator : CG/JU  
Sample : M4412-09  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BG365

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

TIC Library : C:\DATABASE\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Ethanol, 2-(2-b... | 10.796 | 8.1     | ng/ul | 105164   | 2                     | 11.055 | 259011 | 20.0 |
| Heptafluorobuty... | 21.489 | 2.5     | ng/ul | 63243    | 5                     | 21.895 | 516071 | 20.0 |