

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110821\  
 Data File : BG050901.D  
 Acq On : 9 Nov 2021 5:55  
 Operator : CG/JU  
 Sample : M4445-14  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BG388

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: BG050901.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          | 24           | rVB2     | 11033          | 17401         | 1.57%           | 0.156%        |
| 2         | 4.017       | 86            | 90          | 107          | rBV      | 39669          | 78193         | 7.06%           | 0.701%        |
| 3         | 4.252       | 125           | 130         | 136          | rVB      | 5134           | 7444          | 0.67%           | 0.067%        |
| 4         | 4.358       | 144           | 148         | 152          | rVB      | 3375           | 4401          | 0.40%           | 0.039%        |
| 5         | 4.887       | 237           | 238         | 243          | rBV4     | 1008           | 1658          | 0.15%           | 0.015%        |
| 6         | 5.298       | 302           | 308         | 316          | rBV3     | 2892           | 5922          | 0.53%           | 0.053%        |
| 7         | 7.372       | 653           | 661         | 669          | rBV      | 34865          | 64385         | 5.81%           | 0.578%        |
| 8         | 7.542       | 683           | 690         | 699          | rBV      | 138184         | 233325        | 21.06%          | 2.093%        |
| 9         | 7.754       | 719           | 726         | 735          | rBV      | 126336         | 216453        | 19.54%          | 1.942%        |
| 10        | 8.230       | 797           | 807         | 816          | rBV      | 147459         | 255821        | 23.09%          | 2.295%        |
| 11        | 8.441       | 840           | 843         | 847          | rBV2     | 1472           | 2001          | 0.18%           | 0.018%        |
| 12        | 8.923       | 919           | 925         | 935          | rVB      | 94179          | 169971        | 15.34%          | 1.525%        |
| 13        | 9.399       | 999           | 1006        | 1015         | rVB      | 166756         | 297279        | 26.83%          | 2.667%        |
| 14        | 9.763       | 1062          | 1068        | 1076         | rVB      | 8679           | 11845         | 1.07%           | 0.106%        |
| 15        | 10.127      | 1121          | 1130        | 1138         | rBV      | 125870         | 228164        | 20.60%          | 2.047%        |
| 16        | 10.668      | 1215          | 1222        | 1232         | rBV      | 163291         | 306004        | 27.62%          | 2.745%        |
| 17        | 10.797      | 1237          | 1244        | 1260         | rBV      | 84492          | 158422        | 14.30%          | 1.421%        |
| 18        | 11.050      | 1279          | 1287        | 1297         | rVB      | 202354         | 378237        | 34.14%          | 3.393%        |
| 19        | 11.185      | 1302          | 1310        | 1321         | rBV      | 145749         | 287657        | 25.97%          | 2.581%        |
| 20        | 12.254      | 1487          | 1492        | 1496         | rBV      | 6939           | 10121         | 0.91%           | 0.091%        |
| 21        | 12.554      | 1538          | 1543        | 1550         | rVB4     | 5717           | 9308          | 0.84%           | 0.084%        |
| 22        | 12.625      | 1550          | 1555        | 1560         | rBV      | 2611           | 4739          | 0.43%           | 0.043%        |
| 23        | 13.441      | 1693          | 1694        | 1698         | rVB3     | 1541           | 1667          | 0.15%           | 0.015%        |
| 24        | 13.717      | 1737          | 1741        | 1746         | rBV4     | 5180           | 7145          | 0.64%           | 0.064%        |
| 25        | 14.240      | 1822          | 1830        | 1839         | rBV      | 379440         | 566216        | 51.11%          | 5.080%        |
| 26        | 14.546      | 1874          | 1882        | 1892         | rBV      | 407540         | 666938        | 60.20%          | 5.983%        |
| 27        | 14.851      | 1927          | 1934        | 1943         | rVB      | 346520         | 531795        | 48.00%          | 4.771%        |
| 28        | 15.045      | 1962          | 1967        | 1975         | rVV2     | 17980          | 38188         | 3.45%           | 0.343%        |
| 29        | 15.104      | 1975          | 1977        | 1983         | rVB2     | 1995           | 2985          | 0.27%           | 0.027%        |
| 30        | 15.656      | 2068          | 2071        | 2078         | rVB3     | 1484           | 2004          | 0.18%           | 0.018%        |
| 31        | 15.838      | 2094          | 2102        | 2110         | rBV      | 552167         | 852227        | 76.93%          | 7.646%        |
| 32        | 15.950      | 2114          | 2121        | 2138         | rBV      | 150184         | 240324        | 21.69%          | 2.156%        |
| 33        | 16.079      | 2140          | 2143        | 2147         | rVB2     | 1373           | 1629          | 0.15%           | 0.015%        |
| 34        | 16.279      | 2173          | 2177        | 2182         | rVB4     | 2240           | 3160          | 0.29%           | 0.028%        |
| 35        | 16.520      | 2216          | 2218        | 2226         | rVB4     | 1209           | 2386          | 0.22%           | 0.021%        |
| 36        | 16.714      | 2244          | 2251        | 2254         | rBV2     | 1149           | 2015          | 0.18%           | 0.018%        |

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Integrator: RTE

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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 | 16.802 | 2262 | 2266 | 2268 | rBV3 | 1421   | 1698    | 0.15%   | 0.015% |
| 38 | 17.313 | 2349 | 2353 | 2357 | rBV3 | 1701   | 2827    | 0.26%   | 0.025% |
| 39 | 17.384 | 2359 | 2365 | 2369 | rVV3 | 1421   | 2480    | 0.22%   | 0.022% |
| 40 | 17.595 | 2394 | 2401 | 2408 | rBV  | 430661 | 650878  | 58.75%  | 5.839% |
| 41 | 17.695 | 2411 | 2418 | 2427 | rVB  | 623862 | 967917  | 87.37%  | 8.684% |
| 42 | 17.777 | 2427 | 2432 | 2434 | rBV3 | 2102   | 2235    | 0.20%   | 0.020% |
| 43 | 18.053 | 2475 | 2479 | 2483 | rBV3 | 905    | 1392    | 0.13%   | 0.012% |
| 44 | 18.230 | 2503 | 2509 | 2513 | rBV2 | 23917  | 30158   | 2.72%   | 0.271% |
| 45 | 18.529 | 2557 | 2560 | 2562 | rVV2 | 1399   | 1406    | 0.13%   | 0.013% |
| 46 | 19.358 | 2696 | 2701 | 2703 | rBV2 | 8825   | 11334   | 1.02%   | 0.102% |
| 47 | 19.387 | 2703 | 2706 | 2716 | rVB2 | 65686  | 78022   | 7.04%   | 0.700% |
| 48 | 19.516 | 2723 | 2728 | 2738 | rBV4 | 13079  | 28184   | 2.54%   | 0.253% |
| 49 | 19.610 | 2738 | 2744 | 2750 | rBV2 | 7529   | 12859   | 1.16%   | 0.115% |
| 50 | 19.804 | 2775 | 2777 | 2782 | rVB4 | 1129   | 1711    | 0.15%   | 0.015% |
| 51 | 19.969 | 2798 | 2805 | 2812 | rBV  | 761895 | 1107818 | 100.00% | 9.939% |
| 52 | 20.192 | 2840 | 2843 | 2850 | rBV5 | 1592   | 2426    | 0.22%   | 0.022% |
| 53 | 20.251 | 2850 | 2853 | 2856 | rBV5 | 1118   | 1747    | 0.16%   | 0.016% |
| 54 | 20.462 | 2886 | 2889 | 2892 | rVV4 | 2449   | 2499    | 0.23%   | 0.022% |
| 55 | 20.509 | 2895 | 2897 | 2899 | rVB3 | 1683   | 1445    | 0.13%   | 0.013% |
| 56 | 20.833 | 2950 | 2952 | 2953 | rBV2 | 1621   | 1374    | 0.12%   | 0.012% |
| 57 | 20.850 | 2953 | 2955 | 2959 | rVB5 | 2791   | 2446    | 0.22%   | 0.022% |
| 58 | 20.962 | 2972 | 2974 | 2978 | rVB5 | 3310   | 3814    | 0.34%   | 0.034% |
| 59 | 21.109 | 2997 | 2999 | 3003 | rBV5 | 1916   | 2784    | 0.25%   | 0.025% |
| 60 | 21.491 | 3059 | 3064 | 3068 | rBV4 | 7967   | 13601   | 1.23%   | 0.122% |
| 61 | 21.743 | 3104 | 3107 | 3112 | rVB4 | 4014   | 6142    | 0.55%   | 0.055% |
| 62 | 21.890 | 3125 | 3132 | 3141 | rVB2 | 388463 | 645715  | 58.29%  | 5.793% |
| 63 | 22.037 | 3154 | 3157 | 3158 | rBV3 | 1601   | 1673    | 0.15%   | 0.015% |
| 64 | 22.266 | 3194 | 3196 | 3199 | rBV4 | 1662   | 1962    | 0.18%   | 0.018% |
| 65 | 22.531 | 3239 | 3241 | 3245 | rBV5 | 1249   | 1897    | 0.17%   | 0.017% |
| 66 | 22.683 | 3264 | 3267 | 3275 | rVB7 | 6314   | 11902   | 1.07%   | 0.107% |
| 67 | 22.742 | 3275 | 3277 | 3278 | rBV2 | 2287   | 1716    | 0.15%   | 0.015% |
| 68 | 23.059 | 3330 | 3331 | 3333 | rBV2 | 2087   | 1554    | 0.14%   | 0.014% |
| 69 | 23.300 | 3371 | 3372 | 3376 | rBV4 | 1738   | 2228    | 0.20%   | 0.020% |
| 70 | 23.412 | 3387 | 3391 | 3398 | rVB5 | 9034   | 16091   | 1.45%   | 0.144% |
| 71 | 23.600 | 3420 | 3423 | 3424 | rBV3 | 1691   | 1906    | 0.17%   | 0.017% |
| 72 | 23.618 | 3424 | 3426 | 3429 | rVB3 | 2087   | 1820    | 0.16%   | 0.016% |
| 73 | 23.770 | 3450 | 3452 | 3453 | rVB2 | 2839   | 1450    | 0.13%   | 0.013% |
| 74 | 24.176 | 3519 | 3521 | 3525 | rBV4 | 2222   | 2156    | 0.19%   | 0.019% |
| 75 | 24.264 | 3529 | 3536 | 3545 | rVB4 | 14145  | 31827   | 2.87%   | 0.286% |
| 76 | 24.399 | 3557 | 3559 | 3561 | rBV3 | 1483   | 1421    | 0.13%   | 0.013% |

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 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 24.940 | 3650 | 3651 | 3653 | rBV2 | 2321   | 1368   | 0.12%  | 0.012% |
| 78  | 25.057 | 3659 | 3671 | 3685 | rVB  | 334290 | 988202 | 89.20% | 8.866% |
| 79  | 25.286 | 3699 | 3710 | 3723 | rVB  | 218093 | 671404 | 60.61% | 6.023% |
| 80  | 25.515 | 3747 | 3749 | 3751 | rBV3 | 1615   | 1346   | 0.12%  | 0.012% |
| 81  | 25.797 | 3793 | 3797 | 3801 | rBV6 | 1924   | 2807   | 0.25%  | 0.025% |
| 82  | 25.944 | 3820 | 3822 | 3824 | rBV3 | 1670   | 1469   | 0.13%  | 0.013% |
| 83  | 26.344 | 3888 | 3890 | 3892 | rVB3 | 1751   | 1410   | 0.13%  | 0.013% |
| 84  | 26.367 | 3892 | 3894 | 3897 | rBV4 | 1740   | 2659   | 0.24%  | 0.024% |
| 85  | 26.461 | 3901 | 3910 | 3920 | rBV6 | 17093  | 54523  | 4.92%  | 0.489% |
| 86  | 27.025 | 4004 | 4006 | 4011 | rBV4 | 1263   | 2205   | 0.20%  | 0.020% |
| 87  | 27.172 | 4030 | 4031 | 4033 | rBV2 | 1802   | 1430   | 0.13%  | 0.013% |
| 88  | 27.343 | 4058 | 4060 | 4064 | rVB4 | 1942   | 1776   | 0.16%  | 0.016% |
| 89  | 27.907 | 4149 | 4156 | 4165 | rVB7 | 13192  | 41733  | 3.77%  | 0.374% |
| 90  | 28.453 | 4247 | 4249 | 4251 | rVB3 | 1866   | 1697   | 0.15%  | 0.015% |
| 91  | 28.853 | 4316 | 4317 | 4320 | rBV3 | 2261   | 2558   | 0.23%  | 0.023% |
| 92  | 29.252 | 4384 | 4385 | 4387 | rBV  | 1486   | 1429   | 0.13%  | 0.013% |
| 93  | 29.640 | 4447 | 4451 | 4459 | rVB7 | 7845   | 20839  | 1.88%  | 0.187% |
| 94  | 29.828 | 4481 | 4483 | 4486 | rVB3 | 3039   | 2923   | 0.26%  | 0.026% |
| 95  | 29.851 | 4486 | 4487 | 4488 | rBV  | 2069   | 1366   | 0.12%  | 0.012% |
| 96  | 31.144 | 4705 | 4707 | 4711 | rVV4 | 1457   | 1547   | 0.14%  | 0.014% |
| 97  | 31.673 | 4793 | 4797 | 4798 | rBV4 | 2115   | 3229   | 0.29%  | 0.029% |
| 98  | 31.696 | 4798 | 4801 | 4802 | rBV3 | 3285   | 3575   | 0.32%  | 0.032% |
| 99  | 31.996 | 4850 | 4852 | 4855 | rVB4 | 2098   | 1472   | 0.13%  | 0.013% |
| 100 | 32.484 | 4933 | 4935 | 4940 | rBV5 | 1512   | 1660   | 0.15%  | 0.015% |

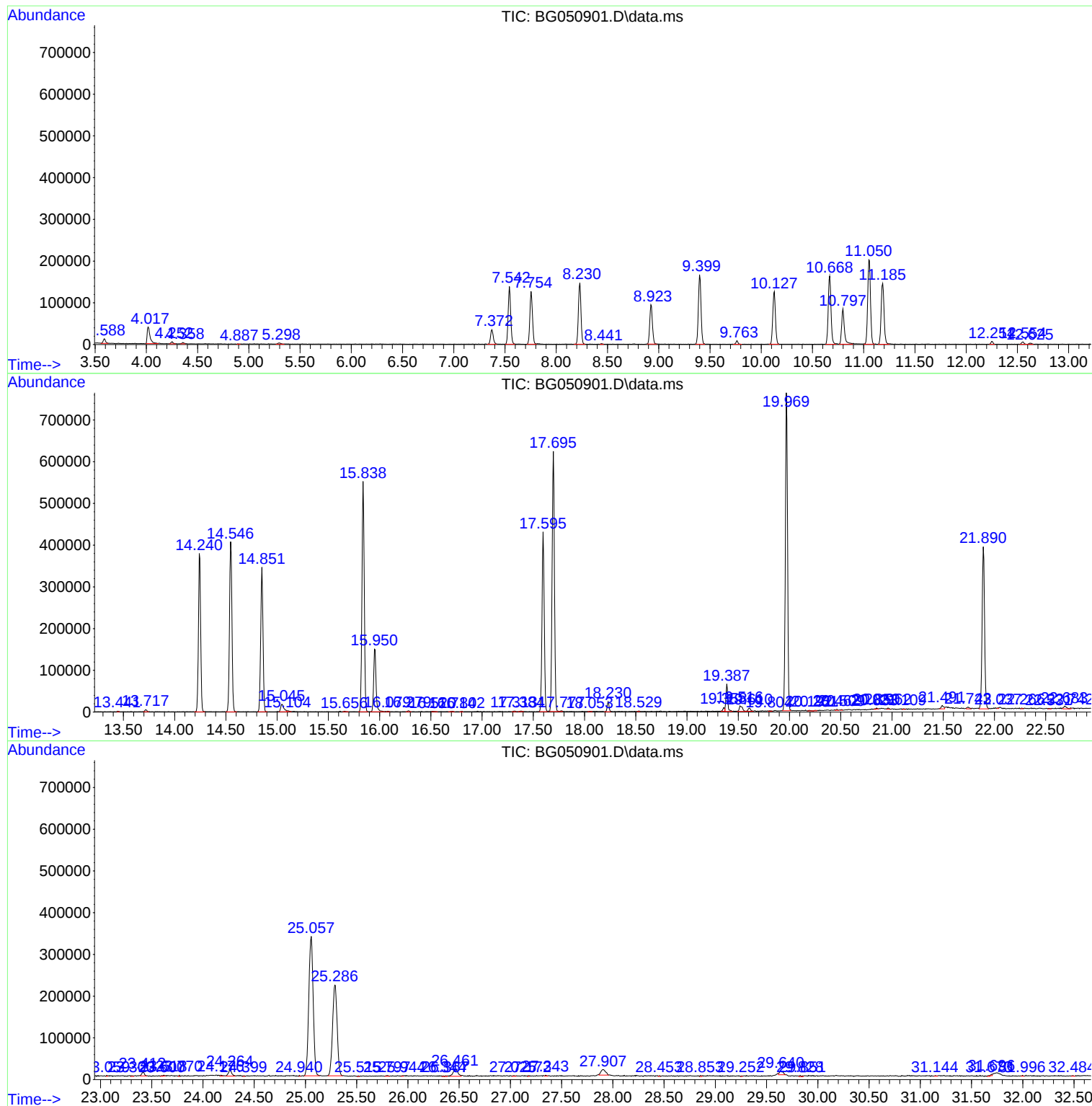
Sum of corrected areas: 11146572

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Data File : BG050901.D  
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Misc :  
ALS Vial : 27 Sample Multiplier: 1

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



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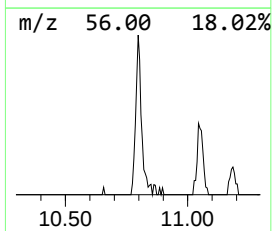
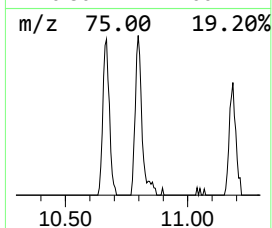
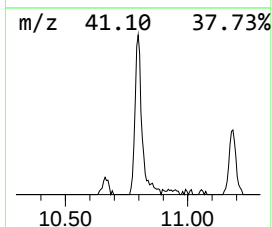
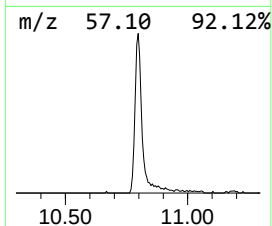
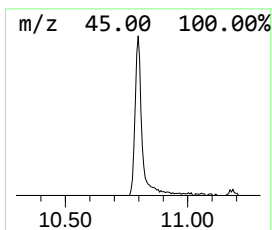
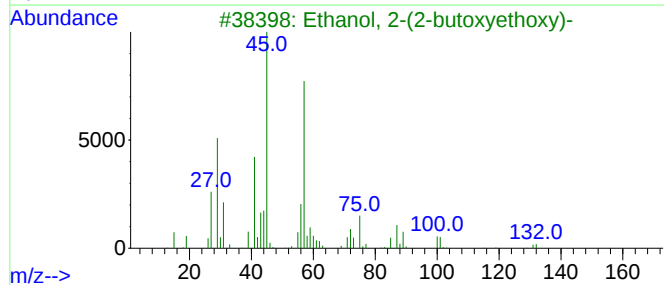
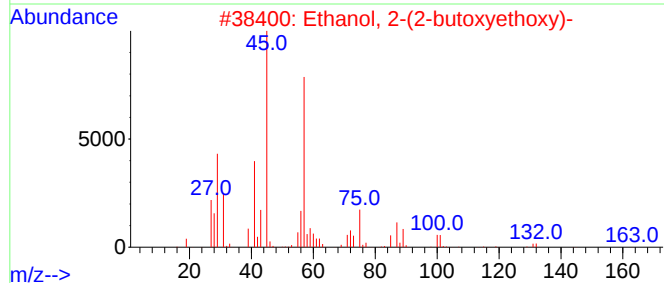
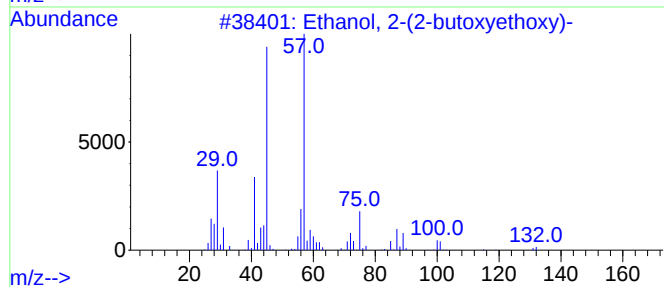
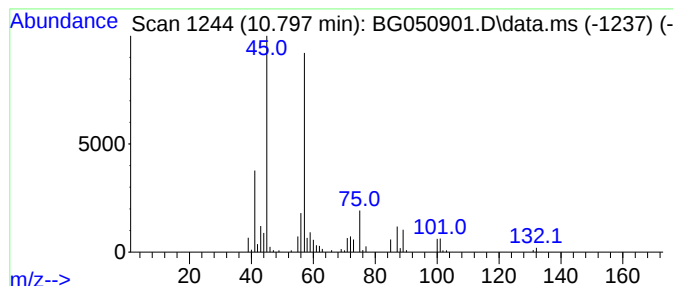
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110321.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 10.797 | 8.38 ng/ul | 158422 | Naphthalene-d8   | 11.050 |

| 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 | 90   |
| 4    |    |   | Ethanol, 1-(2-butoxyethoxy)-        | 162 | C8H18O3 | 054446-78-5 | 83   |
| 5    |    |   | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3 | 018912-80-6 | 78   |



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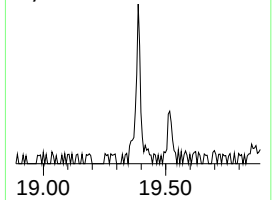
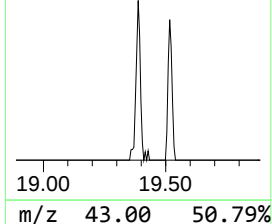
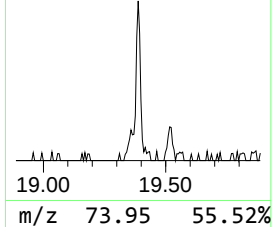
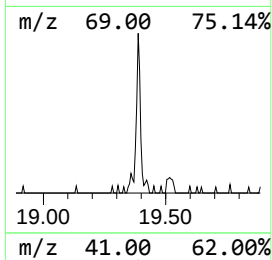
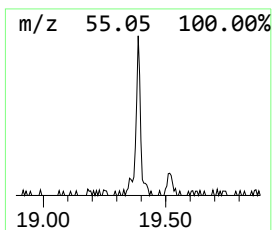
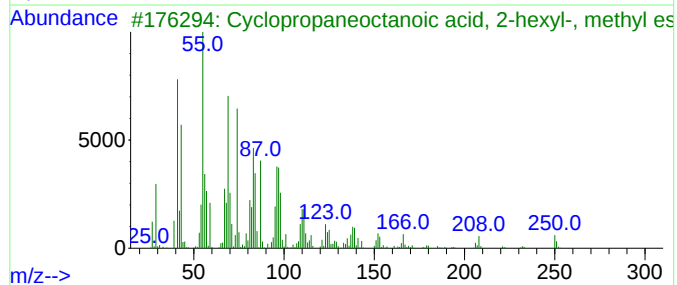
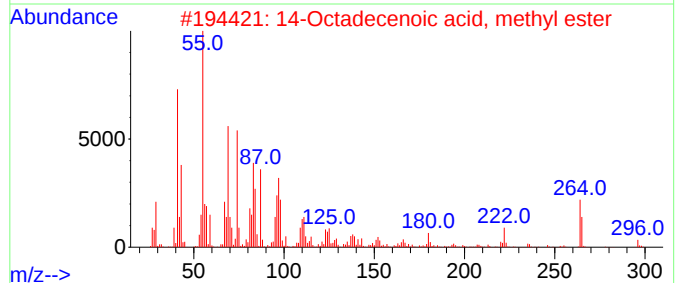
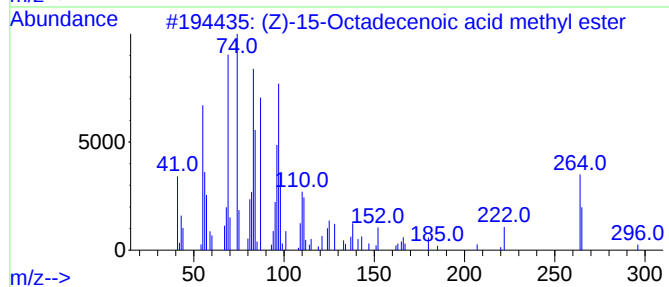
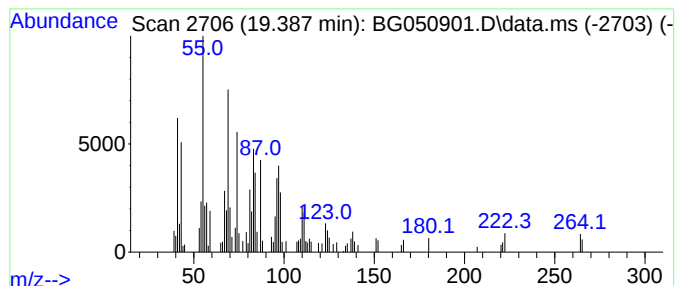
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG110321.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 (Z)-15-Octadecenoic acid me... Concentration Rank 2

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|-------|------------------|--------------|------|
| 19.387    | 2.40 ng/ul                          | 78022 | Phenanthrene-d10 | 17.595       |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#         | Qual |
| 1         | (Z)-15-Octadecenoic acid methyl ... | 296   | C19H36O2         | 1000427-69-3 | 83   |
| 2         | 14-Octadecenoic acid, methyl ester  | 296   | C19H36O2         | 056554-48-4  | 76   |
| 3         | Cyclopropaneoctanoic acid, 2-hex... | 282   | C18H34O2         | 010152-61-1  | 76   |
| 4         | 9-Octadecenoic acid (Z)-, methyl... | 296   | C19H36O2         | 000112-62-9  | 70   |
| 5         | 15-Octadecenoic acid, methyl ester  | 296   | C19H36O2         | 004764-72-1  | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110821\  
Data File : BG050901.D  
Acq On : 9 Nov 2021 5:55  
Operator : CG/JU  
Sample : M4445-14  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
BG388

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... | 10.797 | 8.4     | ng/ul | 158422   | 2                     | 11.050 | 378237 | 20.0 |
| (Z)-15-Octadece... | 19.387 | 2.4     | ng/ul | 78022    | 4                     | 17.595 | 650878 | 20.0 |