

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090721\  
 Data File : BG050209.D  
 Acq On : 8 Sep 2021 22:08  
 Operator : CG/JU  
 Sample : M3608-07  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBKK3

Integration Parameters: LSCINT.P

Integrator: RTE

Soothing : 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-BG090721.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG050209.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         | 3.303       | 43            | 45          | 47           | rBV3     | 3776           | 3679          | 0.35%           | 0.035%        |
| 2         | 3.420       | 63            | 65          | 68           | rBV3     | 2409           | 1671          | 0.16%           | 0.016%        |
| 3         | 3.585       | 91            | 93          | 95           | rBV2     | 2955           | 2608          | 0.25%           | 0.025%        |
| 4         | 3.749       | 118           | 121         | 128          | rBV3     | 35353          | 73393         | 7.01%           | 0.704%        |
| 5         | 3.972       | 150           | 159         | 162          | rBV8     | 9253           | 22538         | 2.15%           | 0.216%        |
| 6         | 5.329       | 388           | 390         | 391          | rBV      | 2430           | 1704          | 0.16%           | 0.016%        |
| 7         | 5.447       | 408           | 410         | 411          | rBV2     | 2300           | 1430          | 0.14%           | 0.014%        |
| 8         | 7.127       | 690           | 696         | 706          | rBV      | 56686          | 112854        | 10.78%          | 1.083%        |
| 9         | 7.268       | 714           | 720         | 728          | rBV      | 139021         | 235939        | 22.53%          | 2.265%        |
| 10        | 7.479       | 750           | 756         | 767          | rVB      | 122996         | 221829        | 21.18%          | 2.129%        |
| 11        | 7.949       | 827           | 836         | 844          | rBV      | 131984         | 231075        | 22.07%          | 2.218%        |
| 12        | 8.672       | 953           | 959         | 966          | rBV2     | 93067          | 167410        | 15.99%          | 1.607%        |
| 13        | 9.118       | 1028          | 1035        | 1046         | rBV      | 133917         | 238527        | 22.78%          | 2.289%        |
| 14        | 9.512       | 1099          | 1102        | 1107         | rVB4     | 2460           | 3526          | 0.34%           | 0.034%        |
| 15        | 9.847       | 1153          | 1159        | 1169         | rVB      | 114042         | 204611        | 19.54%          | 1.964%        |
| 16        | 10.029      | 1185          | 1190        | 1194         | rBV2     | 1756           | 2654          | 0.25%           | 0.025%        |
| 17        | 10.270      | 1229          | 1231        | 1235         | rBV2     | 1494           | 1966          | 0.19%           | 0.019%        |
| 18        | 10.399      | 1246          | 1253        | 1267         | rBV      | 169375         | 330850        | 31.60%          | 3.175%        |
| 19        | 10.534      | 1270          | 1276        | 1286         | rBV      | 65681          | 132167        | 12.62%          | 1.269%        |
| 20        | 10.763      | 1309          | 1315        | 1323         | rVB      | 241356         | 415761        | 39.71%          | 3.990%        |
| 21        | 10.910      | 1333          | 1340        | 1349         | rBV      | 157064         | 307341        | 29.35%          | 2.950%        |
| 22        | 12.097      | 1540          | 1542        | 1545         | rVB      | 1263           | 1420          | 0.14%           | 0.014%        |
| 23        | 12.150      | 1549          | 1551        | 1554         | rBV2     | 1290           | 1403          | 0.13%           | 0.013%        |
| 24        | 12.238      | 1563          | 1566        | 1570         | rBV      | 3036           | 3097          | 0.30%           | 0.030%        |
| 25        | 12.355      | 1584          | 1586        | 1587         | rBV2     | 2577           | 2187          | 0.21%           | 0.021%        |
| 26        | 12.960      | 1686          | 1689        | 1692         | rBV      | 1444           | 1724          | 0.16%           | 0.017%        |
| 27        | 13.042      | 1702          | 1703        | 1708         | rVB      | 1577           | 1391          | 0.13%           | 0.013%        |
| 28        | 13.160      | 1720          | 1723        | 1727         | rBV      | 1654           | 2533          | 0.24%           | 0.024%        |
| 29        | 13.418      | 1762          | 1767        | 1774         | rBV3     | 5697           | 10174         | 0.97%           | 0.098%        |
| 30        | 13.636      | 1800          | 1804        | 1808         | rVB      | 1910           | 3189          | 0.30%           | 0.031%        |
| 31        | 13.918      | 1850          | 1852        | 1856         | rVB2     | 1549           | 1491          | 0.14%           | 0.014%        |
| 32        | 14.006      | 1859          | 1867        | 1877         | rBV      | 332102         | 525988        | 50.23%          | 5.048%        |
| 33        | 14.300      | 1911          | 1917        | 1925         | rBV      | 356841         | 546128        | 52.16%          | 5.242%        |
| 34        | 14.493      | 1946          | 1950        | 1953         | rBV2     | 1619           | 1884          | 0.18%           | 0.018%        |
| 35        | 14.605      | 1962          | 1969        | 1978         | rVB      | 295027         | 474052        | 45.27%          | 4.550%        |
| 36        | 14.858      | 2006          | 2012        | 2022         | rBV4     | 18804          | 43390         | 4.14%           | 0.416%        |

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Instrument :  
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 ClientSampleId :  
 DBKK3

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-BG090721.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 15.339 | 2092 | 2094 | 2100 | rBV5 | 2347   | 3918    | 0.37%   | 0.038%  |
| 38 | 15.392 | 2100 | 2103 | 2107 | rVB3 | 1458   | 1863    | 0.18%   | 0.018%  |
| 39 | 15.604 | 2131 | 2139 | 2148 | rVB  | 498701 | 730895  | 69.80%  | 7.015%  |
| 40 | 15.745 | 2156 | 2163 | 2176 | rBV2 | 138247 | 227678  | 21.74%  | 2.185%  |
| 41 | 16.056 | 2211 | 2216 | 2219 | rVB2 | 2790   | 4172    | 0.40%   | 0.040%  |
| 42 | 16.085 | 2219 | 2221 | 2225 | rBV  | 1078   | 1389    | 0.13%   | 0.013%  |
| 43 | 16.749 | 2332 | 2334 | 2339 | rVB2 | 1733   | 1522    | 0.15%   | 0.015%  |
| 44 | 17.360 | 2428 | 2438 | 2448 | rBV  | 374809 | 579892  | 55.38%  | 5.566%  |
| 45 | 17.460 | 2448 | 2455 | 2465 | rVV2 | 558198 | 877174  | 83.77%  | 8.419%  |
| 46 | 17.554 | 2467 | 2471 | 2477 | rVB3 | 2937   | 2937    | 0.28%   | 0.028%  |
| 47 | 17.883 | 2524 | 2527 | 2529 | rBV  | 1964   | 2205    | 0.21%   | 0.021%  |
| 48 | 18.018 | 2543 | 2550 | 2555 | rBV  | 16921  | 21727   | 2.07%   | 0.209%  |
| 49 | 18.294 | 2593 | 2597 | 2598 | rBV  | 1274   | 1461    | 0.14%   | 0.014%  |
| 50 | 18.559 | 2641 | 2642 | 2646 | rBV  | 1184   | 1391    | 0.13%   | 0.013%  |
| 51 | 19.052 | 2722 | 2726 | 2728 | rBV  | 1157   | 1732    | 0.17%   | 0.017%  |
| 52 | 19.105 | 2733 | 2735 | 2739 | rBV2 | 1062   | 1698    | 0.16%   | 0.016%  |
| 53 | 19.152 | 2741 | 2743 | 2744 | rBV2 | 2195   | 1690    | 0.16%   | 0.016%  |
| 54 | 19.187 | 2744 | 2749 | 2752 | rBV4 | 8684   | 10640   | 1.02%   | 0.102%  |
| 55 | 19.316 | 2767 | 2771 | 2775 | rVB3 | 7427   | 9722    | 0.93%   | 0.093%  |
| 56 | 19.393 | 2775 | 2784 | 2788 | rBV2 | 7945   | 13261   | 1.27%   | 0.127%  |
| 57 | 19.493 | 2799 | 2801 | 2803 | rVB2 | 2130   | 1644    | 0.16%   | 0.016%  |
| 58 | 19.616 | 2820 | 2822 | 2824 | rBV2 | 1553   | 1589    | 0.15%   | 0.015%  |
| 59 | 19.645 | 2824 | 2827 | 2828 | rVV2 | 2313   | 1686    | 0.16%   | 0.016%  |
| 60 | 19.751 | 2839 | 2845 | 2855 | rVB  | 723908 | 1047117 | 100.00% | 10.050% |
| 61 | 20.039 | 2892 | 2894 | 2897 | rVB3 | 1575   | 1566    | 0.15%   | 0.015%  |
| 62 | 20.074 | 2897 | 2900 | 2902 | rBV3 | 1649   | 2118    | 0.20%   | 0.020%  |
| 63 | 20.103 | 2902 | 2905 | 2907 | rVV4 | 1941   | 2332    | 0.22%   | 0.022%  |
| 64 | 20.268 | 2929 | 2933 | 2934 | rBV4 | 3907   | 3710    | 0.35%   | 0.036%  |
| 65 | 20.432 | 2958 | 2961 | 2962 | rBV3 | 1523   | 1596    | 0.15%   | 0.015%  |
| 66 | 20.703 | 3003 | 3007 | 3009 | rVB4 | 4557   | 4859    | 0.46%   | 0.047%  |
| 67 | 20.844 | 3029 | 3031 | 3033 | rBV3 | 3441   | 2571    | 0.25%   | 0.025%  |
| 68 | 21.043 | 3063 | 3065 | 3066 | rBV2 | 2253   | 1526    | 0.15%   | 0.015%  |
| 69 | 21.114 | 3076 | 3077 | 3079 | rBV2 | 2419   | 1537    | 0.15%   | 0.015%  |
| 70 | 21.267 | 3097 | 3103 | 3116 | rBV6 | 26783  | 82085   | 7.84%   | 0.788%  |
| 71 | 21.631 | 3159 | 3165 | 3173 | rVB  | 388718 | 634809  | 60.62%  | 6.093%  |
| 72 | 22.459 | 3305 | 3306 | 3308 | rBV2 | 3471   | 2618    | 0.25%   | 0.025%  |
| 73 | 23.041 | 3403 | 3405 | 3407 | rBV3 | 3132   | 3180    | 0.30%   | 0.031%  |
| 74 | 23.722 | 3518 | 3521 | 3522 | rBV3 | 4004   | 3287    | 0.31%   | 0.032%  |
| 75 | 24.509 | 3653 | 3655 | 3656 | rBV2 | 3402   | 2182    | 0.21%   | 0.021%  |
| 76 | 24.627 | 3665 | 3675 | 3690 | rVB2 | 371709 | 1018243 | 97.24%  | 9.773%  |

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 DBKK3

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-BG090721.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 77 | 24.844 | 3702 | 3712 | 3723 | rVB  | 231906 | 659857 | 63.02% | 6.333% |
| 78 | 24.973 | 3732 | 3734 | 3736 | rBV2 | 4386   | 4608   | 0.44%  | 0.044% |
| 79 | 25.831 | 3878 | 3880 | 3881 | rBV2 | 4560   | 3538   | 0.34%  | 0.034% |
| 80 | 25.949 | 3898 | 3900 | 3907 | rVB5 | 20083  | 31951  | 3.05%  | 0.307% |
| 81 | 26.054 | 3916 | 3918 | 3922 | rVB4 | 4596   | 5204   | 0.50%  | 0.050% |
| 82 | 26.648 | 4015 | 4019 | 4023 | rBV7 | 7105   | 12897  | 1.23%  | 0.124% |
| 83 | 26.836 | 4049 | 4051 | 4053 | rBV3 | 6464   | 6824   | 0.65%  | 0.065% |
| 84 | 27.264 | 4122 | 4124 | 4126 | rBV3 | 7604   | 7449   | 0.71%  | 0.071% |
| 85 | 27.552 | 4171 | 4173 | 4174 | rBV2 | 2967   | 1668   | 0.16%  | 0.016% |
| 86 | 27.605 | 4180 | 4182 | 4183 | rBV  | 3625   | 1657   | 0.16%  | 0.016% |
| 87 | 27.828 | 4218 | 4220 | 4224 | rBV5 | 5215   | 6447   | 0.62%  | 0.062% |
| 88 | 28.533 | 4338 | 4340 | 4342 | rBV2 | 5925   | 5653   | 0.54%  | 0.054% |
| 89 | 28.698 | 4366 | 4368 | 4369 | rBV2 | 7472   | 4878   | 0.47%  | 0.047% |
| 90 | 29.638 | 4526 | 4528 | 4529 | rVB2 | 3849   | 2164   | 0.21%  | 0.021% |
| 91 | 29.655 | 4529 | 4531 | 4532 | rBV2 | 2740   | 1497   | 0.14%  | 0.014% |
| 92 | 30.466 | 4664 | 4669 | 4671 | rBV6 | 4705   | 8083   | 0.77%  | 0.078% |
| 93 | 30.672 | 4703 | 4704 | 4705 | rBV  | 3653   | 1581   | 0.15%  | 0.015% |
| 94 | 32.416 | 4999 | 5001 | 5002 | rBV  | 4238   | 2185   | 0.21%  | 0.021% |

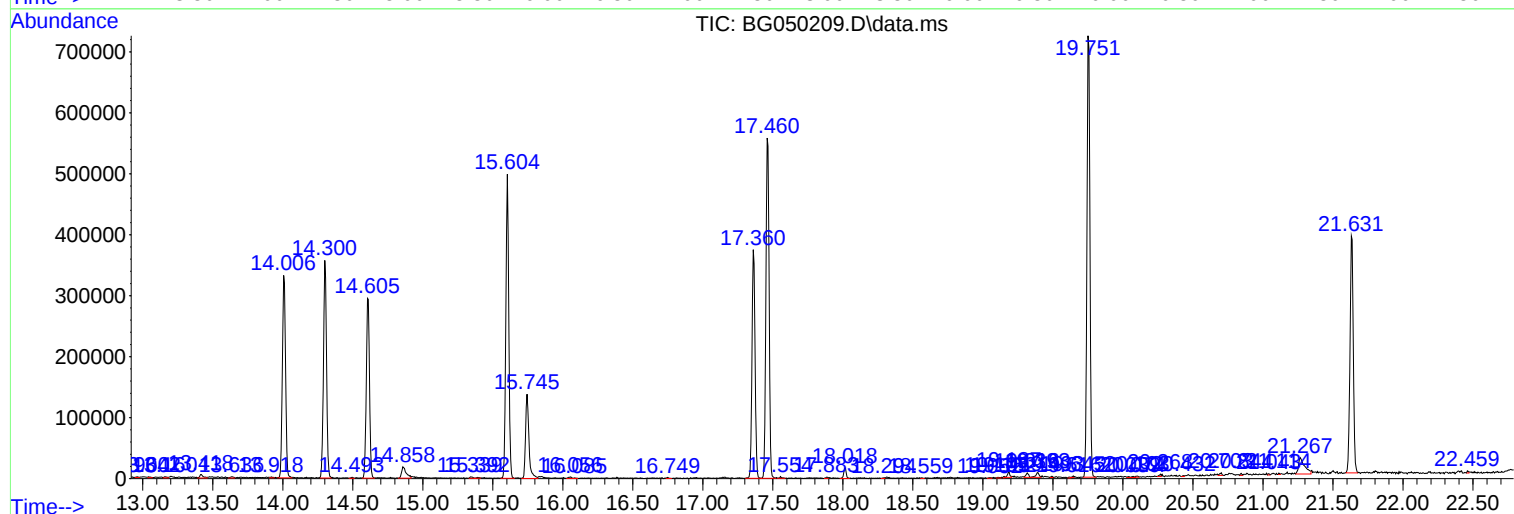
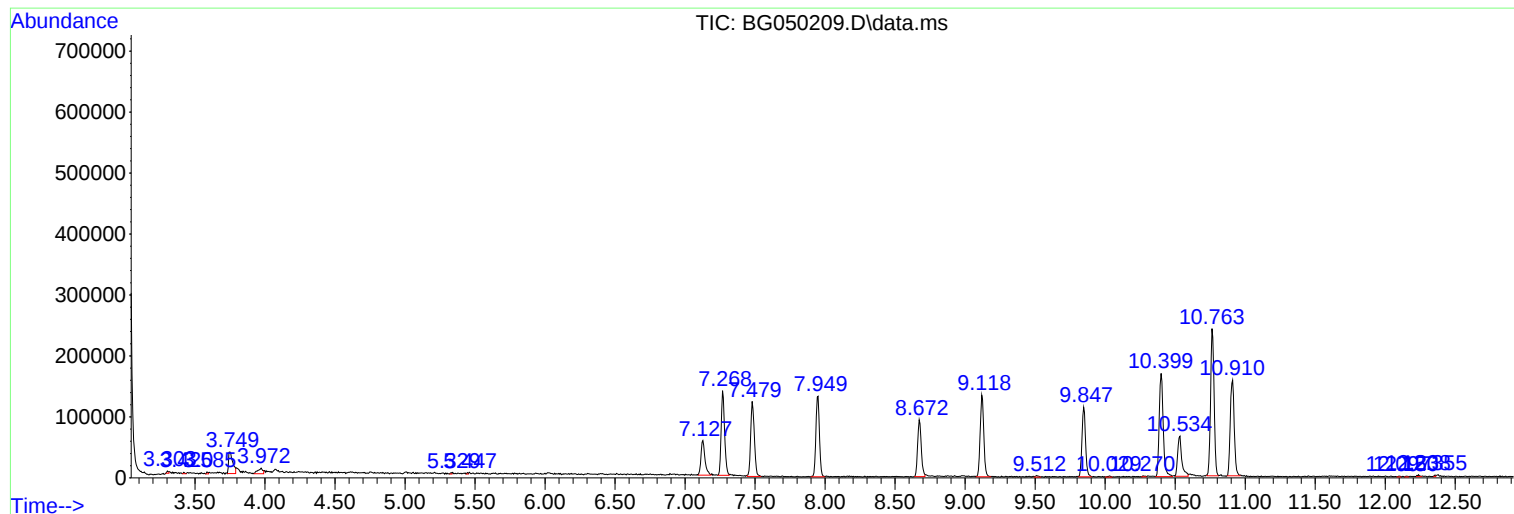
Sum of corrected areas: 10418947

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090721\  
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Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG090721.M  
Quant Title : SVOA CALIBRATION

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



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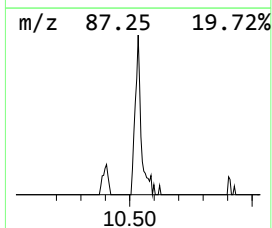
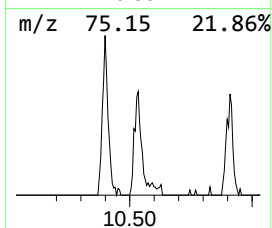
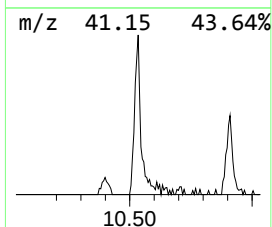
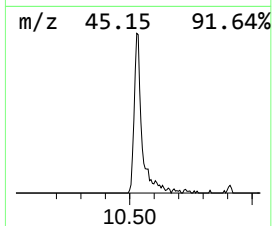
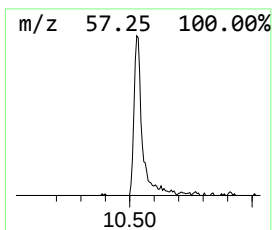
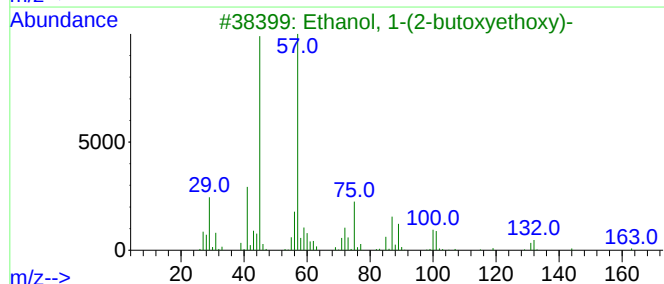
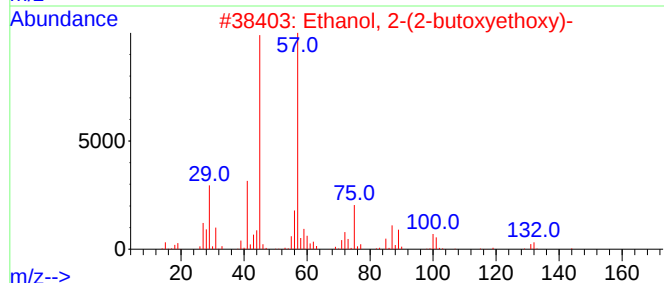
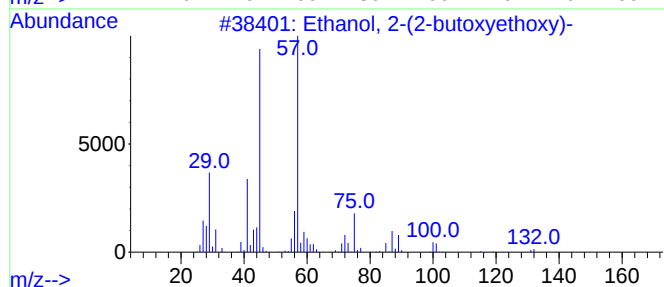
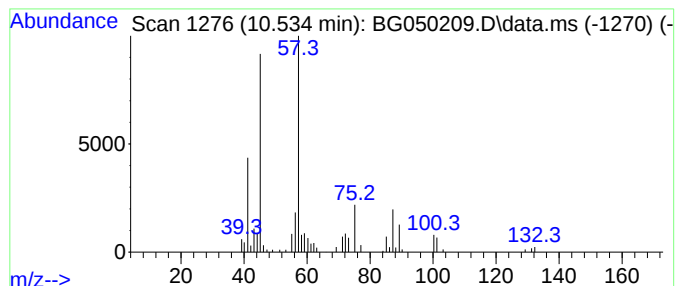
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG090721.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 10.534 | 6.36 ng/ul | 132167 | Naphthalene-d8   | 10.763 |

| 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 | 86   |
| 3    |    |   | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 83   |
| 4    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 83   |
| 5    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 80   |



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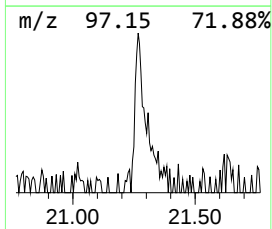
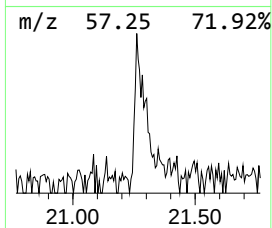
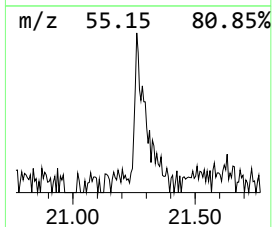
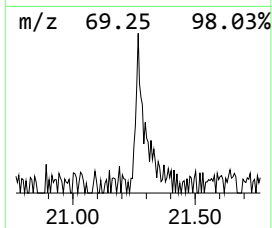
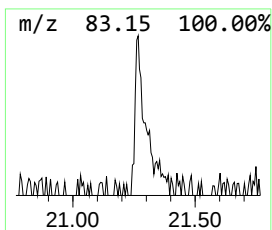
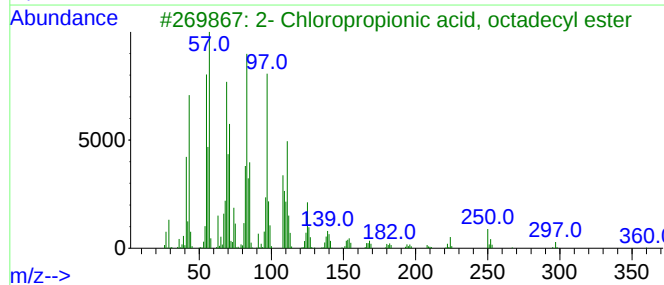
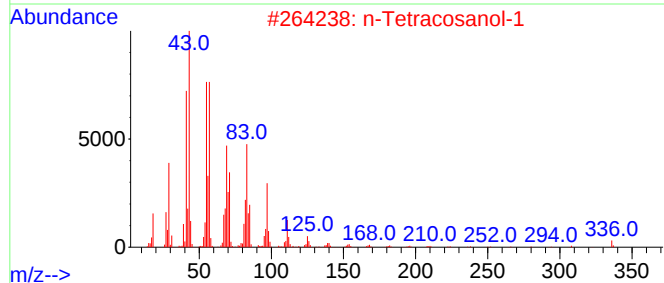
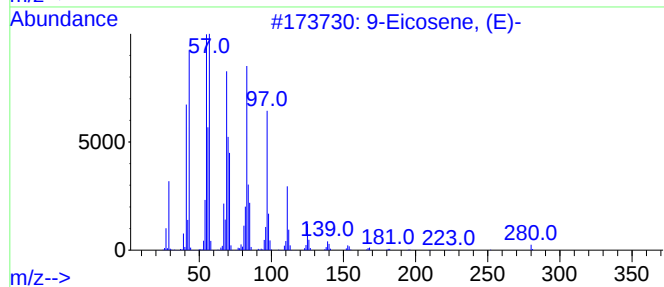
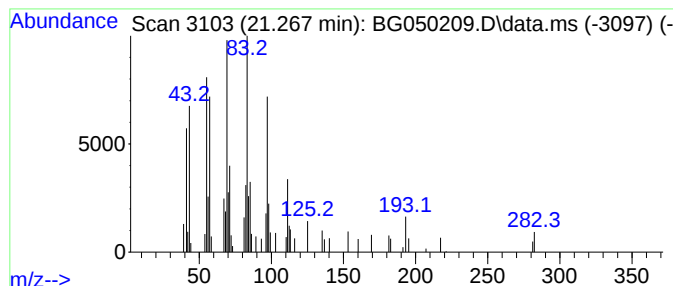
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG090721.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 21.267 | 2.59 ng/ul | 82085 | Chrysene-d12     | 21.631 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm    | CAS#        | Qual |
|------|-------------------------------------|---|--------------|-----|------------|-------------|------|
| 1    | 9-Eicosene, (E)-                    |   |              | 280 | C20H40     | 074685-29-3 | 68   |
| 2    | n-Tetracosanol-1                    |   |              | 354 | C24H50O    | 000506-51-4 | 53   |
| 3    | 2- Chloropropionic acid, octadec... |   |              | 360 | C21H41ClO2 | 088104-31-8 | 53   |
| 4    | Trifluoroacetoxy hexadecane         |   |              | 338 | C18H33F3O2 | 006222-03-3 | 53   |
| 5    | Heptafluorobutyric acid, pentade... |   |              | 424 | C19H31F7O2 | 959261-23-5 | 53   |



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Acq On : 8 Sep 2021 22:08  
Operator : CG/JU  
Sample : M3608-07  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
DBKK3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM-EPA-BG090721.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... | 10.534 | 6.4     | ng/u1 | 132167   | 2                     | 10.763 | 415761 | 20.0 |
| (DEL) Alkane: S... | 21.267 | 2.6     | ng/u1 | 82085    | 5                     | 21.631 | 634809 | 20.0 |