

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111522\  
 Data File : BN022659.D  
 Acq On : 15 Nov 2022 21:17  
 Operator : CG/JU  
 Sample : N5570-05  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GBMW5

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\_N\Methods\SFAM-EPA-BN111522.M  
 Title : SVOA CALIBRATION

Signal : TIC: BN022659.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         | 3.193       | 31            | 35          | 40           | rBV      | 14838          | 20381         | 1.02%           | 0.106%        |
| 2         | 3.640       | 108           | 111         | 123          | rBV      | 38479          | 70882         | 3.55%           | 0.368%        |
| 3         | 3.864       | 143           | 149         | 156          | rVB      | 6864           | 14783         | 0.74%           | 0.077%        |
| 4         | 3.958       | 161           | 165         | 173          | rVB      | 5147           | 7996          | 0.40%           | 0.041%        |
| 5         | 7.052       | 685           | 691         | 702          | rVB      | 64999          | 110426        | 5.53%           | 0.573%        |
| 6         | 7.205       | 711           | 717         | 726          | rBV      | 235610         | 378030        | 18.93%          | 1.961%        |
| 7         | 7.299       | 731           | 733         | 741          | rVB4     | 1146           | 2341          | 0.12%           | 0.012%        |
| 8         | 7.405       | 744           | 751         | 762          | rBV      | 234138         | 374068        | 18.73%          | 1.940%        |
| 9         | 7.875       | 824           | 831         | 840          | rBV      | 255203         | 401391        | 20.10%          | 2.082%        |
| 10        | 8.610       | 950           | 956         | 964          | rBV      | 193207         | 312899        | 15.67%          | 1.623%        |
| 11        | 9.057       | 1025          | 1032        | 1048         | rBV      | 306848         | 499902        | 25.03%          | 2.593%        |
| 12        | 9.181       | 1048          | 1053        | 1058         | rVV      | 10215          | 16291         | 0.82%           | 0.084%        |
| 13        | 9.216       | 1058          | 1059        | 1069         | rVB5     | 2033           | 3001          | 0.15%           | 0.016%        |
| 14        | 9.440       | 1093          | 1097        | 1105         | rVB2     | 1515           | 2426          | 0.12%           | 0.013%        |
| 15        | 9.787       | 1149          | 1156        | 1165         | rBV      | 243527         | 412731        | 20.66%          | 2.141%        |
| 16        | 10.334      | 1242          | 1249        | 1259         | rBV      | 341133         | 584222        | 29.25%          | 3.030%        |
| 17        | 10.481      | 1268          | 1274        | 1286         | rBV      | 64384          | 123254        | 6.17%           | 0.639%        |
| 18        | 10.704      | 1305          | 1312        | 1319         | rVB      | 360841         | 605125        | 30.30%          | 3.139%        |
| 19        | 10.851      | 1330          | 1337        | 1350         | rBV      | 254286         | 444612        | 22.26%          | 2.306%        |
| 20        | 11.516      | 1443          | 1450        | 1456         | rBV3     | 1598           | 3522          | 0.18%           | 0.018%        |
| 21        | 12.304      | 1579          | 1584        | 1591         | rBV2     | 4536           | 6371          | 0.32%           | 0.033%        |
| 22        | 12.369      | 1591          | 1595        | 1601         | rBV2     | 2565           | 4660          | 0.23%           | 0.024%        |
| 23        | 12.904      | 1681          | 1686        | 1689         | rBV3     | 2001           | 2205          | 0.11%           | 0.011%        |
| 24        | 13.163      | 1726          | 1730        | 1734         | rVB3     | 2144           | 3498          | 0.18%           | 0.018%        |
| 25        | 13.451      | 1774          | 1779        | 1783         | rVB2     | 2028           | 2796          | 0.14%           | 0.015%        |
| 26        | 13.975      | 1861          | 1868        | 1881         | rBV      | 771799         | 1047563       | 52.45%          | 5.433%        |
| 27        | 14.204      | 1902          | 1907        | 1909         | rBV2     | 6680           | 8439          | 0.42%           | 0.044%        |
| 28        | 14.251      | 1909          | 1915        | 1927         | rVB      | 779737         | 1160513       | 58.10%          | 6.019%        |
| 29        | 14.439      | 1943          | 1947        | 1951         | rBV3     | 2075           | 2925          | 0.15%           | 0.015%        |
| 30        | 14.557      | 1960          | 1967        | 1983         | rVB      | 580082         | 861325        | 43.12%          | 4.467%        |
| 31        | 14.728      | 1993          | 1996        | 2000         | rVB4     | 1405           | 2304          | 0.12%           | 0.012%        |
| 32        | 14.804      | 2000          | 2009        | 2030         | rBV3     | 53920          | 130619        | 6.54%           | 0.677%        |
| 33        | 14.981      | 2034          | 2039        | 2042         | rBV4     | 3159           | 4876          | 0.24%           | 0.025%        |
| 34        | 15.192      | 2072          | 2075        | 2081         | rVB3     | 2662           | 3634          | 0.18%           | 0.019%        |
| 35        | 15.351      | 2094          | 2102        | 2105         | rVV4     | 3776           | 6033          | 0.30%           | 0.031%        |
| 36        | 15.392      | 2105          | 2109        | 2114         | rVB2     | 4047           | 6627          | 0.33%           | 0.034%        |

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 ALS Vial : 17 Sample Multiplier: 1

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 BNA\_N  
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 GBMW5

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\_N\Methods\SFAM-EPA-BN111522.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 15.557 | 2130 | 2137 | 2147 | rBV  | 1064142 | 1504156 | 75.31%  | 7.801%  |
| 38 | 15.686 | 2153 | 2159 | 2173 | rBV  | 405395  | 582012  | 29.14%  | 3.019%  |
| 39 | 15.798 | 2173 | 2178 | 2183 | rVB4 | 4201    | 8364    | 0.42%   | 0.043%  |
| 40 | 15.963 | 2202 | 2206 | 2210 | rVB5 | 2554    | 3713    | 0.19%   | 0.019%  |
| 41 | 16.022 | 2212 | 2216 | 2221 | rVB3 | 2896    | 4408    | 0.22%   | 0.023%  |
| 42 | 16.233 | 2248 | 2252 | 2254 | rBV3 | 2149    | 2891    | 0.14%   | 0.015%  |
| 43 | 16.269 | 2254 | 2258 | 2261 | rBV4 | 6120    | 7835    | 0.39%   | 0.041%  |
| 44 | 16.451 | 2285 | 2289 | 2294 | rVB4 | 4587    | 5936    | 0.30%   | 0.031%  |
| 45 | 16.628 | 2315 | 2319 | 2322 | rVB3 | 1642    | 2433    | 0.12%   | 0.013%  |
| 46 | 16.716 | 2330 | 2334 | 2341 | rBV6 | 4671    | 6174    | 0.31%   | 0.032%  |
| 47 | 17.063 | 2390 | 2393 | 2397 | rBV2 | 6688    | 8208    | 0.41%   | 0.043%  |
| 48 | 17.110 | 2398 | 2401 | 2402 | rBV2 | 2267    | 2495    | 0.12%   | 0.013%  |
| 49 | 17.228 | 2417 | 2421 | 2424 | rBV5 | 3545    | 5254    | 0.26%   | 0.027%  |
| 50 | 17.322 | 2430 | 2437 | 2447 | rBV  | 720816  | 1039382 | 52.04%  | 5.391%  |
| 51 | 17.422 | 2447 | 2454 | 2463 | rBV  | 1229993 | 1742715 | 87.25%  | 9.039%  |
| 52 | 17.545 | 2472 | 2475 | 2479 | rVB4 | 2095    | 3116    | 0.16%   | 0.016%  |
| 53 | 17.604 | 2482 | 2485 | 2490 | rBV5 | 2936    | 4619    | 0.23%   | 0.024%  |
| 54 | 17.686 | 2495 | 2499 | 2500 | rVB3 | 1918    | 2153    | 0.11%   | 0.011%  |
| 55 | 17.704 | 2500 | 2502 | 2506 | rBV4 | 2523    | 4790    | 0.24%   | 0.025%  |
| 56 | 17.810 | 2516 | 2520 | 2524 | rBV5 | 4471    | 8082    | 0.40%   | 0.042%  |
| 57 | 17.992 | 2546 | 2551 | 2555 | rVB  | 21824   | 28761   | 1.44%   | 0.149%  |
| 58 | 18.086 | 2563 | 2567 | 2572 | rBV7 | 6038    | 10612   | 0.53%   | 0.055%  |
| 59 | 18.216 | 2584 | 2589 | 2598 | rBV  | 76153   | 112564  | 5.64%   | 0.584%  |
| 60 | 18.292 | 2600 | 2602 | 2605 | rVB  | 3419    | 3901    | 0.20%   | 0.020%  |
| 61 | 18.504 | 2634 | 2638 | 2643 | rBV5 | 4908    | 7241    | 0.36%   | 0.038%  |
| 62 | 18.769 | 2681 | 2683 | 2686 | rBV4 | 2320    | 2180    | 0.11%   | 0.011%  |
| 63 | 19.016 | 2723 | 2725 | 2728 | rVB3 | 2444    | 2118    | 0.11%   | 0.011%  |
| 64 | 19.080 | 2734 | 2736 | 2739 | rVB4 | 3009    | 2793    | 0.14%   | 0.014%  |
| 65 | 19.163 | 2749 | 2750 | 2755 | rVB5 | 4231    | 4036    | 0.20%   | 0.021%  |
| 66 | 19.286 | 2767 | 2771 | 2776 | rBV3 | 16718   | 26557   | 1.33%   | 0.138%  |
| 67 | 19.357 | 2780 | 2783 | 2787 | rBV  | 17284   | 28676   | 1.44%   | 0.149%  |
| 68 | 19.498 | 2803 | 2807 | 2818 | rBV  | 40717   | 66840   | 3.35%   | 0.347%  |
| 69 | 19.727 | 2840 | 2846 | 2858 | rBV  | 1485672 | 1947290 | 97.49%  | 10.100% |
| 70 | 21.227 | 3097 | 3101 | 3106 | rBV2 | 67762   | 84288   | 4.22%   | 0.437%  |
| 71 | 21.527 | 3147 | 3152 | 3162 | rVB  | 874160  | 1119723 | 56.06%  | 5.808%  |
| 72 | 22.780 | 3361 | 3365 | 3372 | rVB  | 120181  | 177698  | 8.90%   | 0.922%  |
| 73 | 23.804 | 3531 | 3539 | 3552 | rVB2 | 937802  | 1997383 | 100.00% | 10.360% |
| 74 | 23.962 | 3559 | 3566 | 3577 | rVB2 | 509617  | 1066335 | 53.39%  | 5.531%  |

Sum of corrected areas: 19280403

**Instrument :**

BNA\_N

**ClientSampleId :**

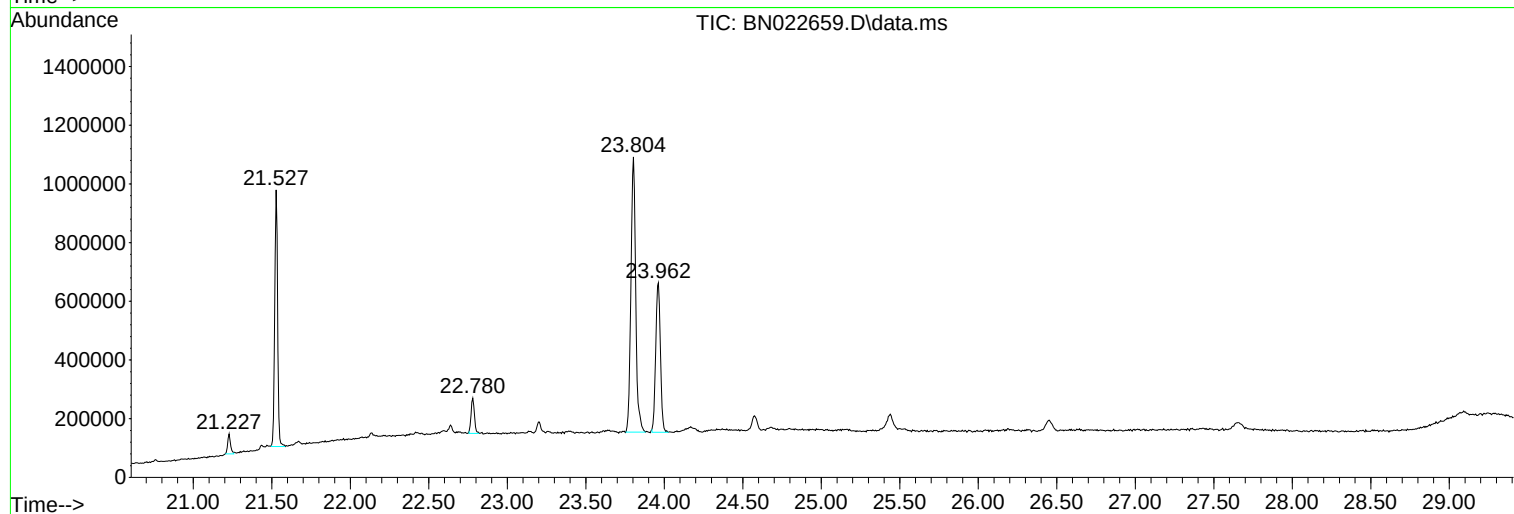
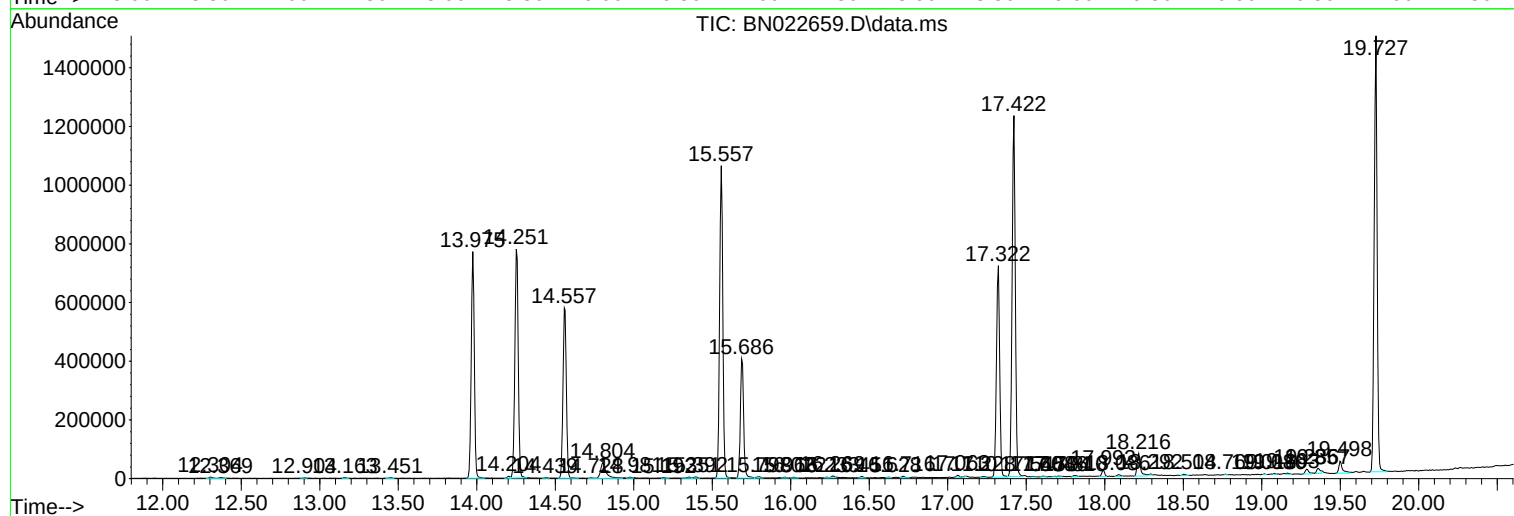
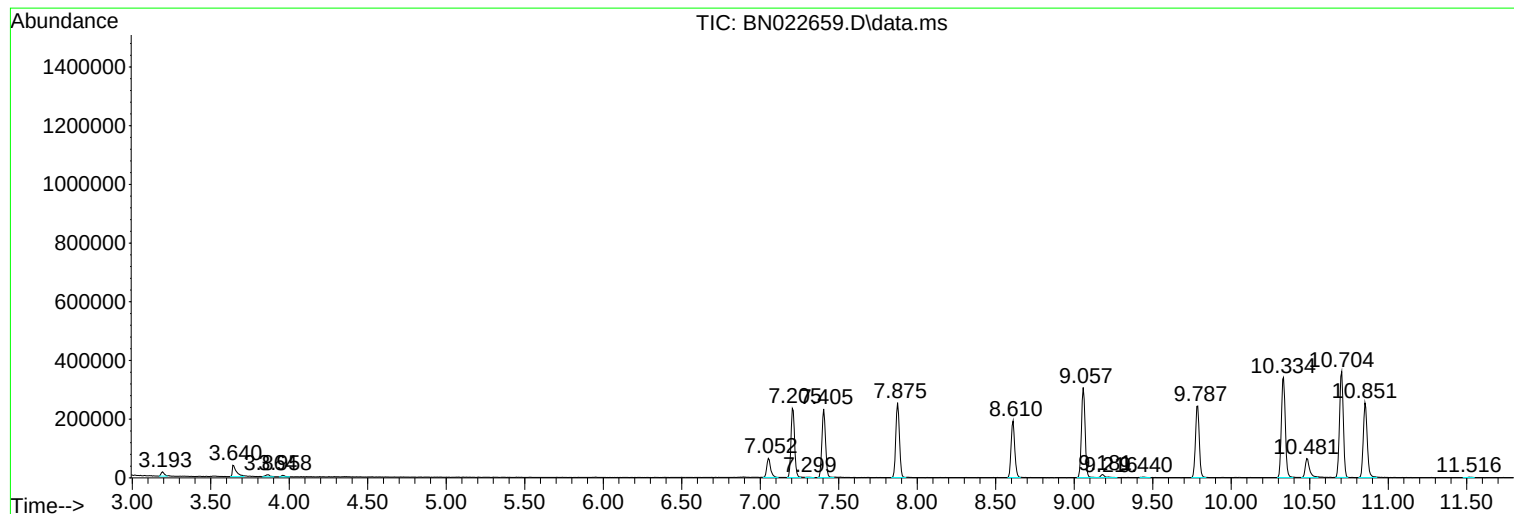
GBMW5

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111522\  
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Sample : N5570-05  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GBMW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN111522.M  
Quant Title : SVOA CALIBRATION

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



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Instrument :  
BNA\_N  
ClientSampleId :  
GBMW5

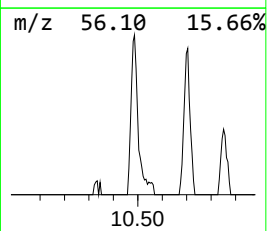
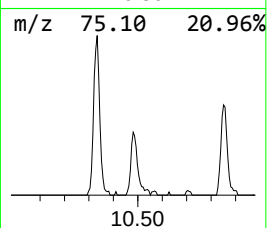
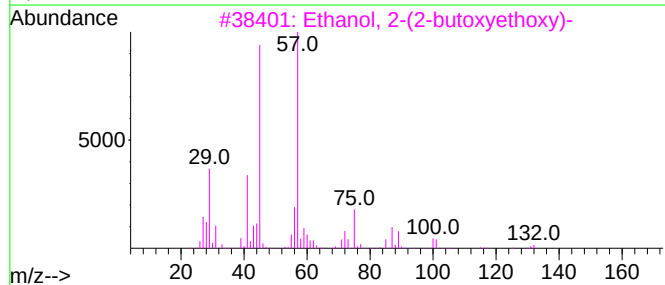
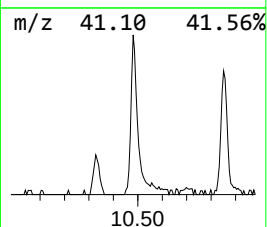
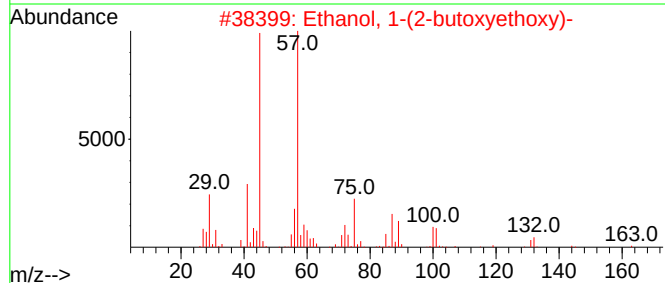
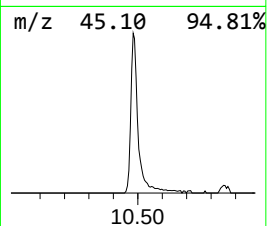
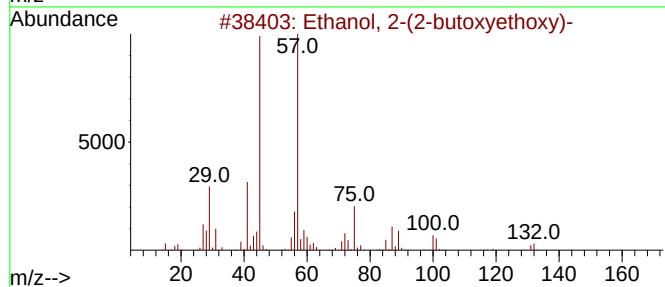
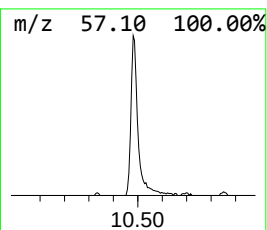
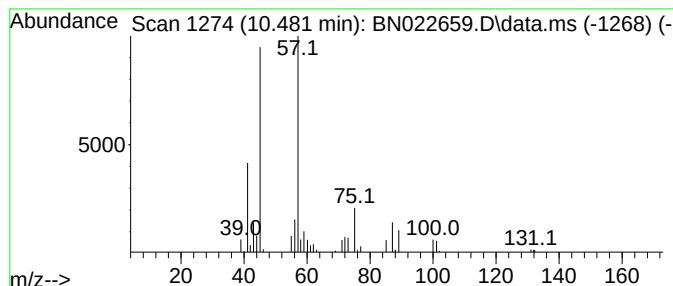
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN111522.M  
Quant Title : SVOA CALIBRATION

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.   |
|--------|------------|--------|------------------|--------|
| 10.481 | 4.07 ng/ul | 123254 | Naphthalene-d8   | 10.704 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90   |
| 2    |    |   | Ethanol, 1-(2-butoxyethoxy)- | 162 | C8H18O3 | 054446-78-5 | 90   |
| 3    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 90   |
| 4    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 83   |
| 5    |    |   | Ethanol, 2-(2-butoxyethoxy)- | 162 | C8H18O3 | 000112-34-5 | 72   |



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Instrument :  
BNA\_N  
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GBMW5

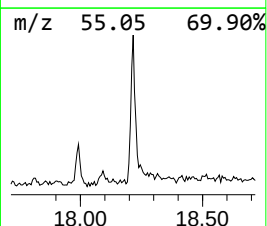
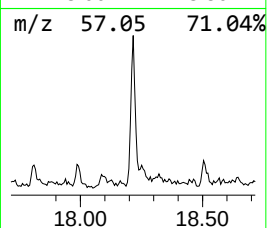
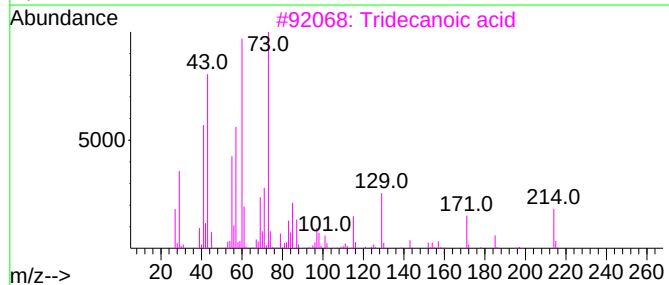
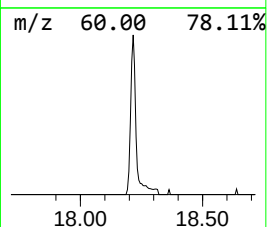
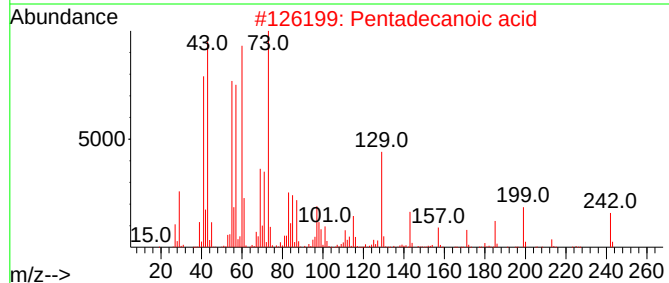
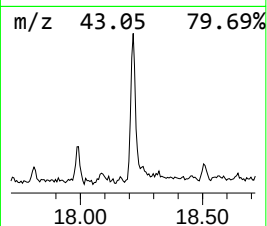
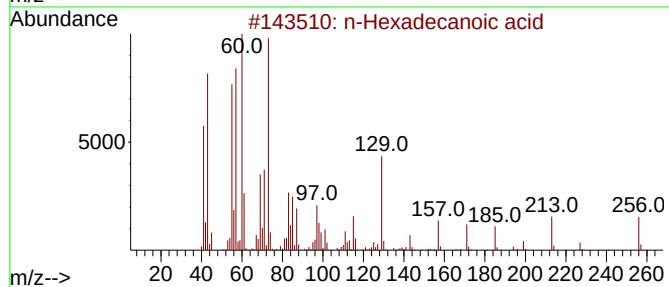
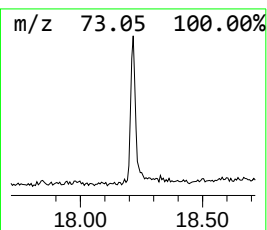
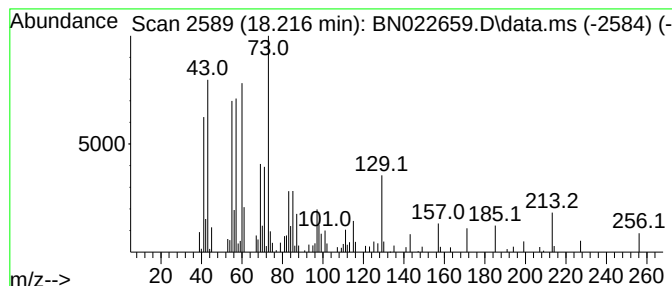
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN111522.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 18.216 | 2.17 ng/ul | 112564 | Phenanthrene-d10 | 17.322 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 90   |
| 3    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 87   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 83   |
| 5    |    |   | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 64   |



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GBMW5

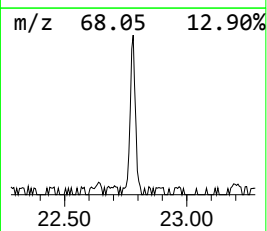
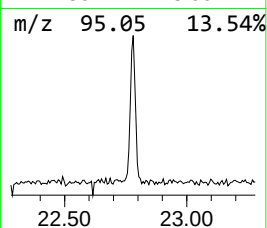
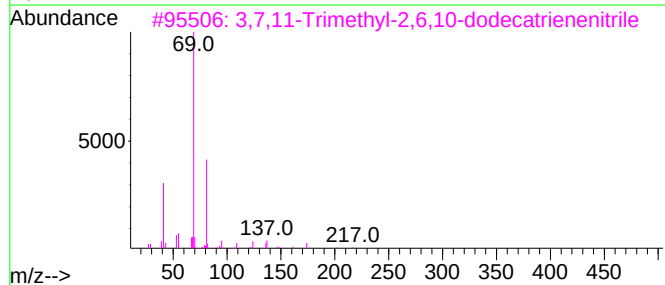
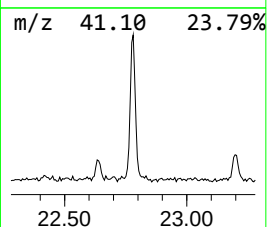
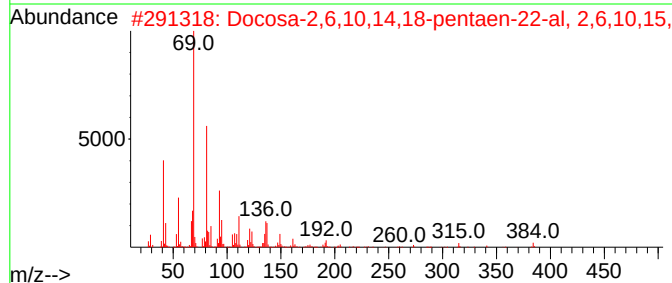
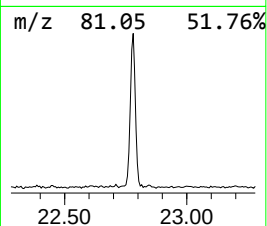
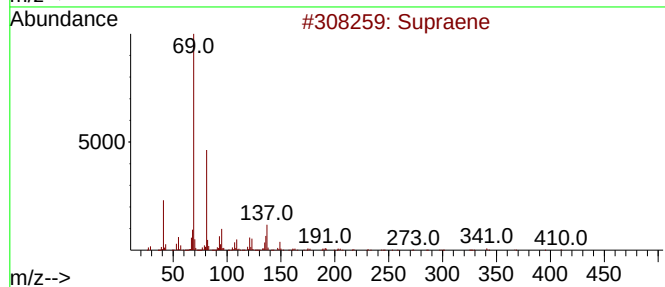
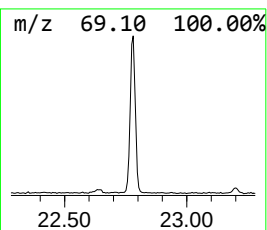
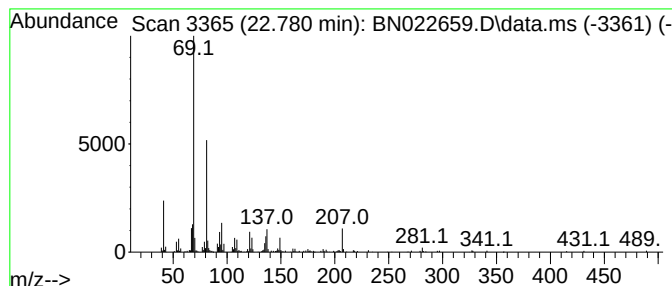
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN111522.M  
Quant Title : SVOA CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 Supraene Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 22.780 | 3.33 ng/ul | 177698 | Perylene-d12     | 23.962 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Supraene                            | 410 | C30H50  | 007683-64-9  | 81   |
| 2    |    |   | Docosa-2,6,10,14,18-pentaen-22-a... | 384 | C27H44O | 1000163-04-7 | 59   |
| 3    |    |   | 3,7,11-Trimethyl-2,6,10-dodecatr... | 217 | C15H23N | 029789-67-1  | 59   |
| 4    |    |   | Farnesol (E), methyl ether          | 236 | C16H28O | 1000352-67-3 | 59   |
| 5    |    |   | (3E,7E)-4,8,12-Trimethyltrideca...  | 218 | C16H26  | 062235-06-7  | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN111522\  
Data File : BN022659.D  
Acq On : 15 Nov 2022 21:17  
Operator : CG/JU  
Sample : N5570-05  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
GBMW5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN111522.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... | 10.481 | 4.1     | ng/ul | 123254   | 2                     | 10.704 | 605125  | 20.0 |
| n-Hexadecanoic ... | 18.216 | 2.2     | ng/ul | 112564   | 4                     | 17.322 | 1039380 | 20.0 |
| Supraene           | 22.780 | 3.3     | ng/ul | 177698   | 6                     | 23.962 | 1066340 | 20.0 |