

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG113021\  
 Data File : BG051281.D  
 Acq On : 30 Nov 2021 15:39  
 Operator : CG/JU  
 Sample : M4839-04  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ESQP5

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-BG112321.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG051281.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         | 3.529       | 3             | 7           | 14           | rVB5     | 5230           | 8698          | 1.39%           | 0.117%        |
| 2         | 3.964       | 78            | 81          | 97           | rBV      | 34797          | 67043         | 10.70%          | 0.904%        |
| 3         | 4.193       | 117           | 120         | 125          | rVB2     | 4758           | 7226          | 1.15%           | 0.097%        |
| 4         | 4.304       | 136           | 139         | 146          | rVB4     | 2152           | 2916          | 0.47%           | 0.039%        |
| 5         | 5.256       | 294           | 301         | 304          | rBV4     | 3758           | 7471          | 1.19%           | 0.101%        |
| 6         | 7.354       | 652           | 658         | 668          | rBV      | 81715          | 157970        | 25.22%          | 2.130%        |
| 7         | 7.465       | 674           | 677         | 678          | rBV3     | 807            | 963           | 0.15%           | 0.013%        |
| 8         | 7.507       | 678           | 684         | 695          | rVB      | 71909          | 121847        | 19.46%          | 1.643%        |
| 9         | 7.724       | 715           | 721         | 729          | rBV      | 82605          | 144011        | 22.99%          | 1.942%        |
| 10        | 8.194       | 794           | 801         | 809          | rBV      | 84151          | 148413        | 23.70%          | 2.001%        |
| 11        | 8.905       | 915           | 922         | 933          | rBV      | 101302         | 189219        | 30.21%          | 2.551%        |
| 12        | 9.028       | 939           | 943         | 949          | rVB5     | 1795           | 2999          | 0.48%           | 0.040%        |
| 13        | 9.369       | 994           | 1001        | 1012         | rBV      | 86717          | 159973        | 25.54%          | 2.157%        |
| 14        | 9.710       | 1055          | 1059        | 1063         | rVB3     | 1872           | 2791          | 0.45%           | 0.038%        |
| 15        | 10.098      | 1118          | 1125        | 1134         | rVB      | 74756          | 135487        | 21.63%          | 1.827%        |
| 16        | 10.650      | 1212          | 1219        | 1234         | rBV      | 92418          | 177775        | 28.39%          | 2.397%        |
| 17        | 10.779      | 1236          | 1241        | 1249         | rBV4     | 3782           | 7980          | 1.27%           | 0.108%        |
| 18        | 11.020      | 1275          | 1282        | 1290         | rBV      | 129853         | 231371        | 36.94%          | 3.120%        |
| 19        | 11.161      | 1299          | 1306        | 1318         | rBV      | 77977          | 153683        | 24.54%          | 2.072%        |
| 20        | 12.389      | 1509          | 1515        | 1518         | rBV6     | 2293           | 3326          | 0.53%           | 0.045%        |
| 21        | 12.606      | 1546          | 1552        | 1556         | rVB3     | 1594           | 2966          | 0.47%           | 0.040%        |
| 22        | 13.165      | 1642          | 1647        | 1649         | rBV4     | 663            | 1062          | 0.17%           | 0.014%        |
| 23        | 13.194      | 1649          | 1652        | 1655         | rVB3     | 1290           | 1538          | 0.25%           | 0.021%        |
| 24        | 13.329      | 1674          | 1675        | 1680         | rVB2     | 923            | 1084          | 0.17%           | 0.015%        |
| 25        | 13.411      | 1686          | 1689        | 1693         | rVB3     | 2350           | 3682          | 0.59%           | 0.050%        |
| 26        | 13.611      | 1719          | 1723        | 1727         | rVB2     | 4128           | 5393          | 0.86%           | 0.073%        |
| 27        | 13.670      | 1727          | 1733        | 1736         | rBV4     | 1459           | 3196          | 0.51%           | 0.043%        |
| 28        | 14.146      | 1809          | 1814        | 1816         | rBV3     | 851            | 857           | 0.14%           | 0.012%        |
| 29        | 14.216      | 1820          | 1826        | 1833         | rVV      | 228895         | 331032        | 52.86%          | 4.464%        |
| 30        | 14.269      | 1833          | 1835        | 1839         | rVB2     | 1005           | 1049          | 0.17%           | 0.014%        |
| 31        | 14.440      | 1860          | 1864        | 1871         | rBV4     | 3789           | 8079          | 1.29%           | 0.109%        |
| 32        | 14.522      | 1871          | 1878        | 1885         | rVB      | 231319         | 366362        | 58.50%          | 4.940%        |
| 33        | 14.680      | 1900          | 1905        | 1911         | rBV3     | 3098           | 4322          | 0.69%           | 0.058%        |
| 34        | 14.827      | 1923          | 1930        | 1938         | rBV      | 218406         | 341389        | 54.51%          | 4.603%        |
| 35        | 14.957      | 1948          | 1952        | 1959         | rVB4     | 2669           | 4417          | 0.71%           | 0.060%        |
| 36        | 15.051      | 1962          | 1968        | 1970         | rBV2     | 51138          | 79965         | 12.77%          | 1.078%        |

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Integrator: RTE

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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-BG112321.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 15.092 | 1970 | 1975 | 1987 | rVB  | 115052 | 235919 | 37.67% | 3.181% |
| 38 | 15.239 | 1996 | 2000 | 2007 | rVB3 | 10970  | 17032  | 2.72%  | 0.230% |
| 39 | 15.403 | 2026 | 2028 | 2031 | rBV2 | 990    | 956    | 0.15%  | 0.013% |
| 40 | 15.509 | 2044 | 2046 | 2048 | rVB2 | 1488   | 860    | 0.14%  | 0.012% |
| 41 | 15.579 | 2051 | 2058 | 2062 | rBV  | 7423   | 11276  | 1.80%  | 0.152% |
| 42 | 15.621 | 2062 | 2065 | 2070 | rVB3 | 5834   | 7507   | 1.20%  | 0.101% |
| 43 | 15.691 | 2073 | 2077 | 2078 | rBV3 | 1071   | 1130   | 0.18%  | 0.015% |
| 44 | 15.744 | 2084 | 2086 | 2090 | rVB2 | 684    | 916    | 0.15%  | 0.012% |
| 45 | 15.814 | 2090 | 2098 | 2108 | rBV  | 309997 | 498241 | 79.55% | 6.718% |
| 46 | 15.950 | 2116 | 2121 | 2130 | rBV  | 71690  | 110402 | 17.63% | 1.489% |
| 47 | 16.155 | 2152 | 2156 | 2158 | rBV  | 2656   | 3168   | 0.51%  | 0.043% |
| 48 | 16.190 | 2160 | 2162 | 2166 | rVB2 | 2460   | 3120   | 0.50%  | 0.042% |
| 49 | 16.249 | 2170 | 2172 | 2175 | rBV2 | 735    | 910    | 0.15%  | 0.012% |
| 50 | 16.343 | 2182 | 2188 | 2189 | rBV3 | 1801   | 2486   | 0.40%  | 0.034% |
| 51 | 16.437 | 2201 | 2204 | 2206 | rBV2 | 1185   | 1457   | 0.23%  | 0.020% |
| 52 | 16.478 | 2206 | 2211 | 2216 | rBV3 | 3777   | 8470   | 1.35%  | 0.114% |
| 53 | 16.643 | 2232 | 2239 | 2240 | rBV3 | 1113   | 1916   | 0.31%  | 0.026% |
| 54 | 16.684 | 2240 | 2246 | 2250 | rBV6 | 3955   | 5957   | 0.95%  | 0.080% |
| 55 | 16.755 | 2255 | 2258 | 2260 | rBV2 | 1398   | 1309   | 0.21%  | 0.018% |
| 56 | 16.819 | 2267 | 2269 | 2271 | rBV2 | 815    | 982    | 0.16%  | 0.013% |
| 57 | 16.890 | 2280 | 2281 | 2287 | rVB4 | 850    | 1037   | 0.17%  | 0.014% |
| 58 | 17.025 | 2299 | 2304 | 2307 | rBV4 | 2745   | 3915   | 0.63%  | 0.053% |
| 59 | 17.066 | 2307 | 2311 | 2314 | rVB3 | 1279   | 1700   | 0.27%  | 0.023% |
| 60 | 17.131 | 2319 | 2322 | 2324 | rBV2 | 793    | 862    | 0.14%  | 0.012% |
| 61 | 17.236 | 2337 | 2340 | 2342 | rBV2 | 1451   | 1774   | 0.28%  | 0.024% |
| 62 | 17.283 | 2344 | 2348 | 2352 | rVV4 | 5045   | 7149   | 1.14%  | 0.096% |
| 63 | 17.330 | 2354 | 2356 | 2359 | rVV2 | 2520   | 3111   | 0.50%  | 0.042% |
| 64 | 17.366 | 2359 | 2362 | 2366 | rVB4 | 1979   | 2719   | 0.43%  | 0.037% |
| 65 | 17.442 | 2371 | 2375 | 2381 | rVB2 | 16022  | 20757  | 3.31%  | 0.280% |
| 66 | 17.577 | 2392 | 2398 | 2408 | rVB  | 269858 | 421351 | 67.28% | 5.681% |
| 67 | 17.677 | 2408 | 2415 | 2424 | rBV  | 347430 | 530583 | 84.72% | 7.154% |
| 68 | 17.753 | 2424 | 2428 | 2434 | rVB3 | 11068  | 15899  | 2.54%  | 0.214% |
| 69 | 17.824 | 2434 | 2440 | 2444 | rBV  | 12662  | 18896  | 3.02%  | 0.255% |
| 70 | 17.941 | 2456 | 2460 | 2464 | rBV4 | 1753   | 3197   | 0.51%  | 0.043% |
| 71 | 17.988 | 2467 | 2468 | 2470 | rBV2 | 1631   | 977    | 0.16%  | 0.013% |
| 72 | 18.030 | 2471 | 2475 | 2478 | rBV4 | 1965   | 2825   | 0.45%  | 0.038% |
| 73 | 18.059 | 2478 | 2480 | 2483 | rVB4 | 980    | 903    | 0.14%  | 0.012% |
| 74 | 18.171 | 2495 | 2499 | 2500 | rBV3 | 1637   | 2414   | 0.39%  | 0.033% |
| 75 | 18.200 | 2500 | 2504 | 2509 | rVB3 | 8615   | 12210  | 1.95%  | 0.165% |
| 76 | 18.306 | 2515 | 2522 | 2523 | rBV4 | 1862   | 3052   | 0.49%  | 0.041% |

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Integration Parameters: LSCINT.P

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |       |        |        |         |        |
|-----|--------|------|------|------|-------|--------|--------|---------|--------|
| 77  | 18.323 | 2523 | 2525 | 2526 | rBV2  | 1320   | 1307   | 0.21%   | 0.018% |
| 78  | 18.423 | 2540 | 2542 | 2545 | rVB4  | 1632   | 1516   | 0.24%   | 0.020% |
| 79  | 18.464 | 2547 | 2549 | 2552 | rVV3  | 1610   | 1759   | 0.28%   | 0.024% |
| 80  | 18.505 | 2552 | 2556 | 2564 | rVB   | 20767  | 28591  | 4.57%   | 0.386% |
| 81  | 18.564 | 2564 | 2566 | 2568 | rBV2  | 1129   | 1061   | 0.17%   | 0.014% |
| 82  | 18.711 | 2587 | 2591 | 2593 | rBV4  | 3932   | 5610   | 0.90%   | 0.076% |
| 83  | 18.840 | 2609 | 2613 | 2616 | rVB5  | 5840   | 7554   | 1.21%   | 0.102% |
| 84  | 19.269 | 2682 | 2686 | 2692 | rVB3  | 6909   | 9326   | 1.49%   | 0.126% |
| 85  | 19.334 | 2694 | 2697 | 2700 | rBV3  | 4101   | 4894   | 0.78%   | 0.066% |
| 86  | 19.528 | 2725 | 2730 | 2735 | rVB6  | 5450   | 11161  | 1.78%   | 0.150% |
| 87  | 19.587 | 2737 | 2740 | 2746 | rVB3  | 7203   | 10527  | 1.68%   | 0.142% |
| 88  | 19.810 | 2776 | 2778 | 2784 | rVB2  | 10976  | 14243  | 2.27%   | 0.192% |
| 89  | 19.880 | 2787 | 2790 | 2792 | rBV3  | 3368   | 3706   | 0.59%   | 0.050% |
| 90  | 19.957 | 2797 | 2803 | 2811 | rVB   | 418667 | 626299 | 100.00% | 8.445% |
| 91  | 21.038 | 2985 | 2987 | 2990 | rVB3  | 8592   | 8027   | 1.28%   | 0.108% |
| 92  | 21.085 | 2993 | 2995 | 3000 | rVB2  | 9956   | 11693  | 1.87%   | 0.158% |
| 93  | 21.467 | 3055 | 3060 | 3074 | rBV10 | 18279  | 68702  | 10.97%  | 0.926% |
| 94  | 21.878 | 3123 | 3130 | 3137 | rVB   | 251539 | 423612 | 67.64%  | 5.712% |
| 95  | 22.654 | 3257 | 3262 | 3268 | rBV   | 23942  | 37697  | 6.02%   | 0.508% |
| 96  | 23.576 | 3414 | 3419 | 3426 | rVB2  | 21913  | 44852  | 7.16%   | 0.605% |
| 97  | 24.216 | 3521 | 3528 | 3537 | rVB2  | 75949  | 168010 | 26.83%  | 2.265% |
| 98  | 25.039 | 3658 | 3668 | 3680 | rVB2  | 179779 | 531482 | 84.86%  | 7.166% |
| 99  | 25.274 | 3700 | 3708 | 3720 | rVB3  | 141699 | 420459 | 67.13%  | 5.669% |
| 100 | 26.396 | 3893 | 3899 | 3910 | rVB2  | 39535  | 117320 | 18.73%  | 1.582% |

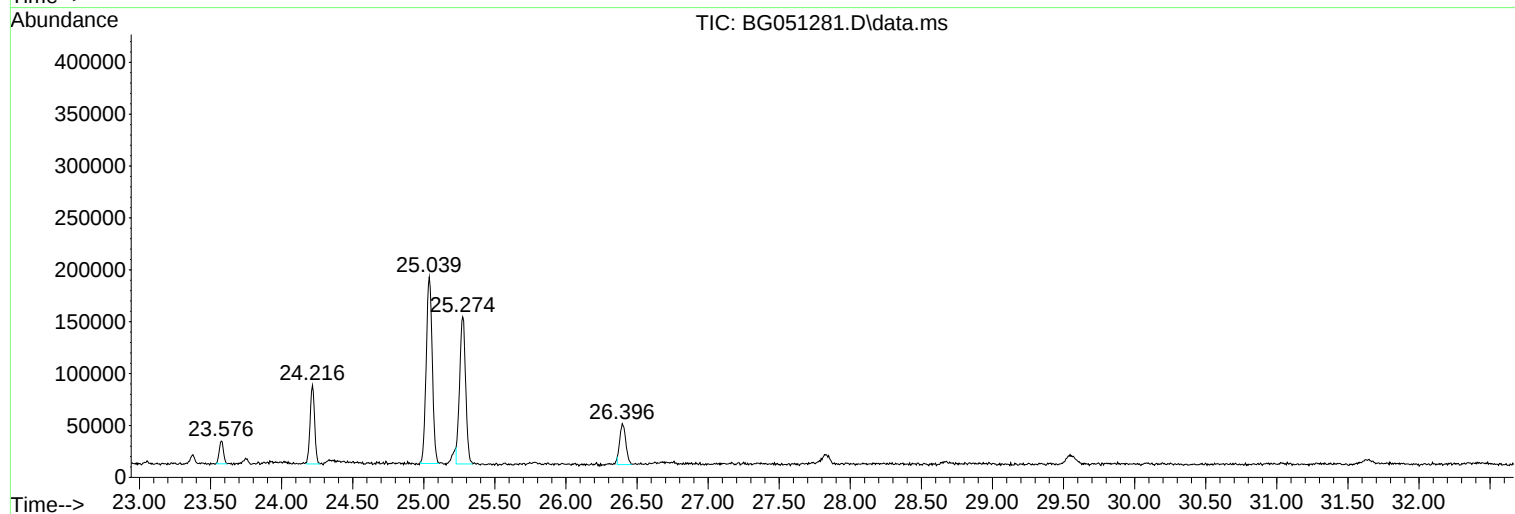
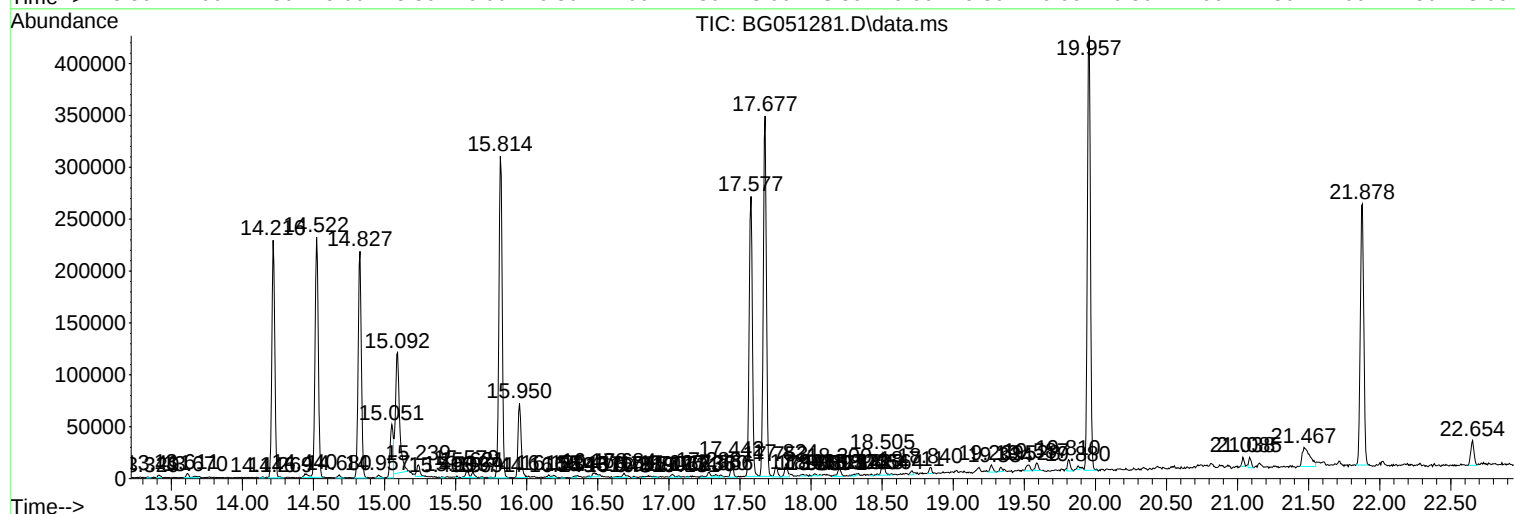
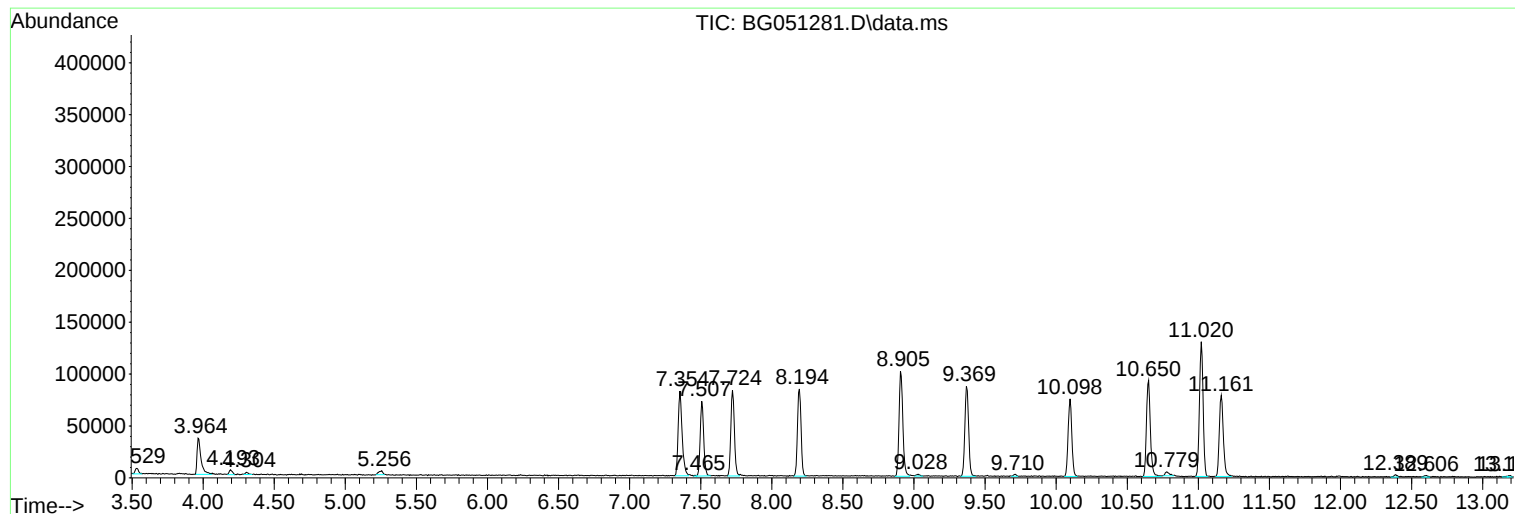
Sum of corrected areas: 7416308

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

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



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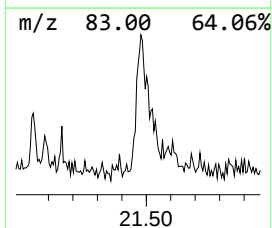
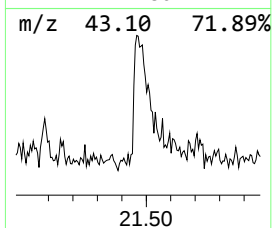
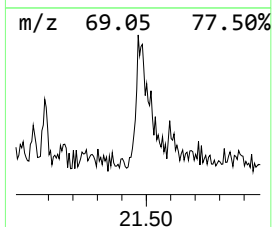
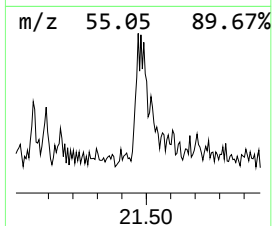
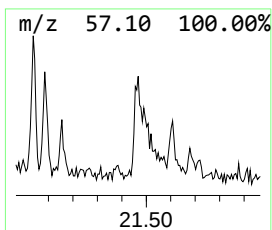
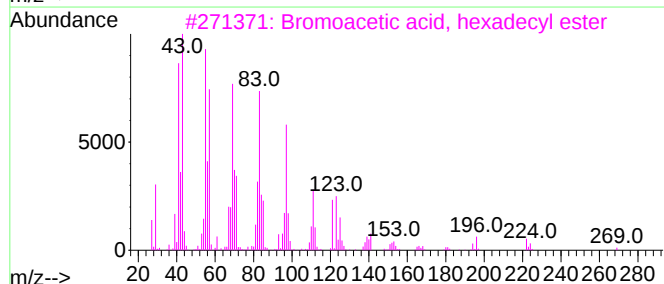
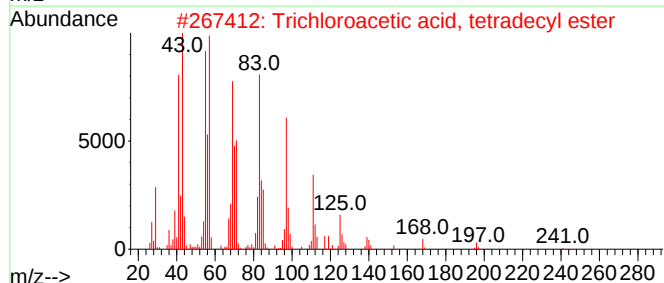
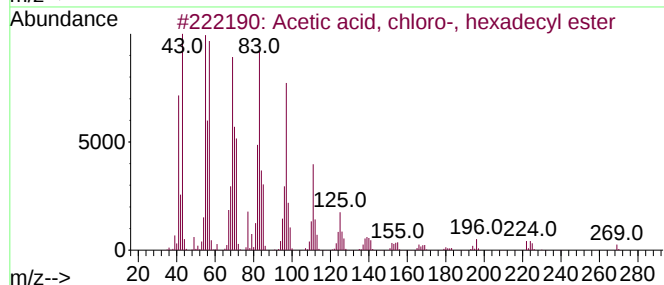
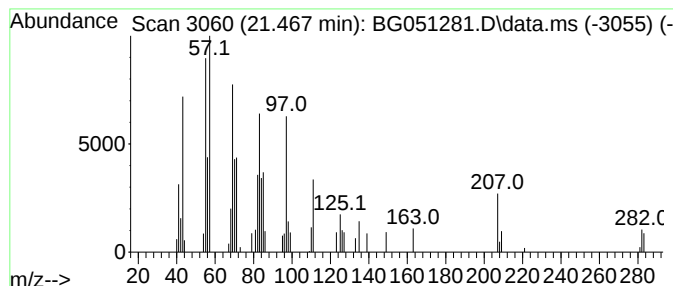
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 Acetic acid, chloro-, hexad... Concentration Rank 3

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 21.467 | 3.24 ng/ul | 68702 | Chrysene-d12     | 21.878 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Acetic acid, chloro-, hexadecyl ... | 318 | C18H35ClO2  | 052132-58-8  | 90   |
| 2    |    |   | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2 | 074339-52-9  | 90   |
| 3    |    |   | Bromoacetic acid, hexadecyl ester   | 362 | C18H35BrO2  | 005454-48-8  | 87   |
| 4    |    |   | 2- Chloropropionic acid, pentade... | 318 | C18H35ClO2  | 1000292-44-1 | 87   |
| 5    |    |   | Pentafluoropropionic acid, tetra... | 360 | C17H29F5O2  | 006222-06-6  | 87   |



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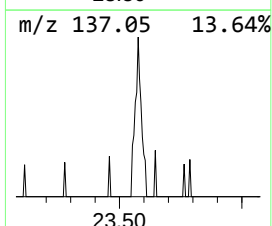
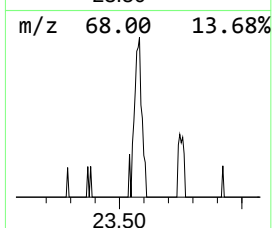
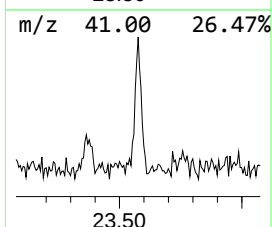
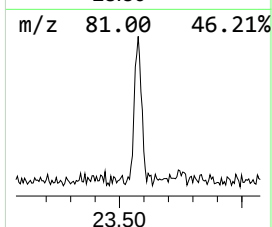
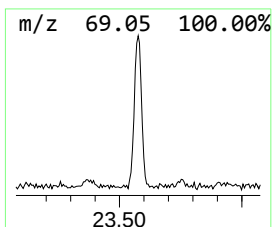
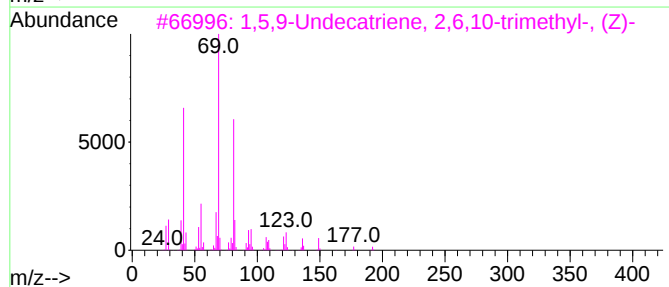
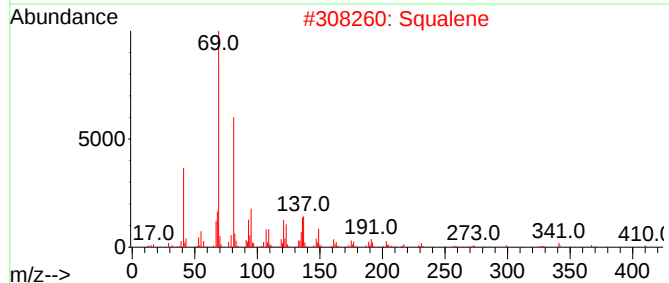
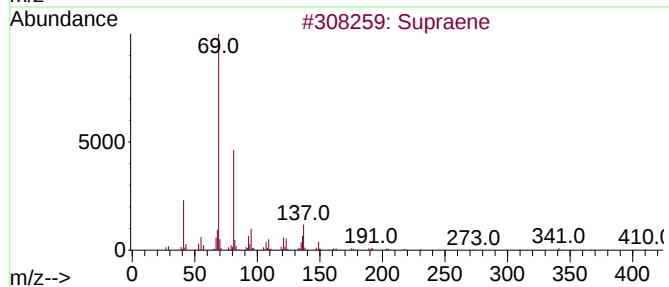
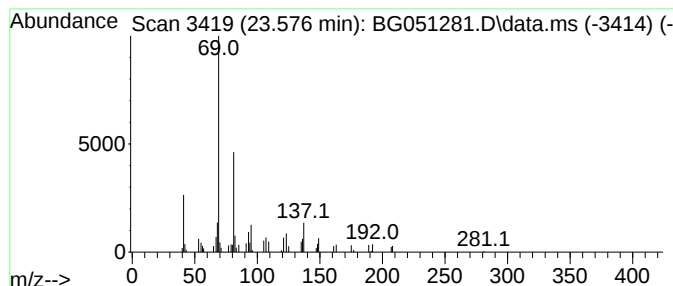
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 2 Supraene Concentration Rank 4

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 23.576 | 2.13 ng/ul | 44852 | Perylene-d12     | 25.274 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Supraene                            | 410 | C30H50  | 007683-64-9 | 83   |
| 2    |    |   | Squalene                            | 410 | C30H50  | 000111-02-4 | 72   |
| 3    |    |   | 1,5,9-Undecatriene, 2,6,10-trime... | 192 | C14H24  | 062951-96-6 | 59   |
| 4    |    |   | 5,9,13-Pentadecatrien-2-one, 6,1... | 262 | C18H30O | 001117-52-8 | 59   |
| 5    |    |   | 3-Cyclohexene-1-carboxaldehyde, ... | 192 | C13H20O | 052475-89-5 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG113021\  
Data File : BG051281.D  
Acq On : 30 Nov 2021 15:39  
Operator : CG/JU  
Sample : M4839-04  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ESQP5

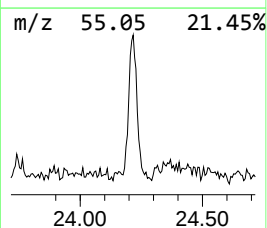
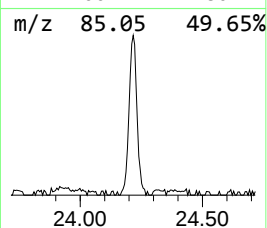
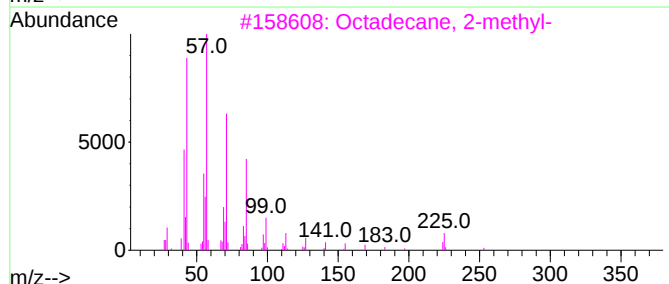
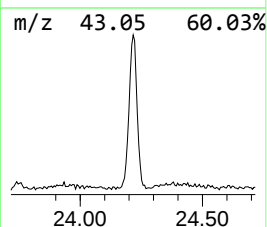
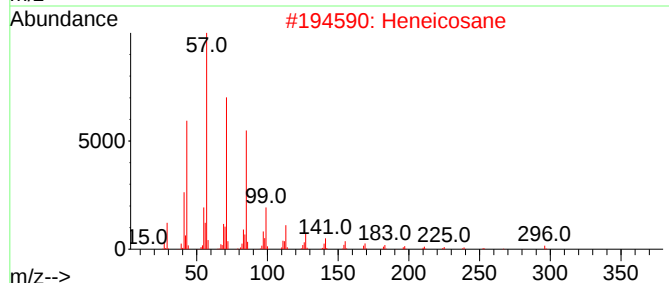
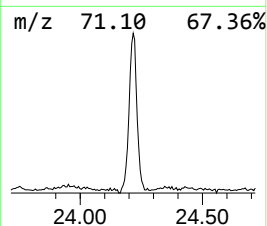
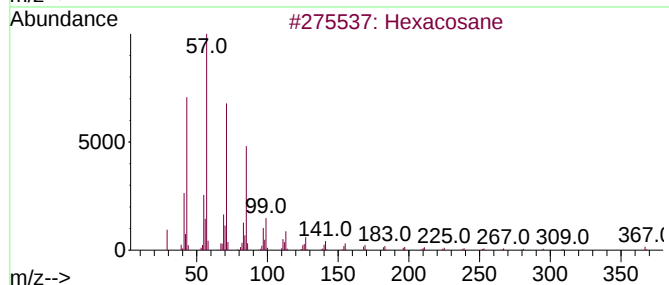
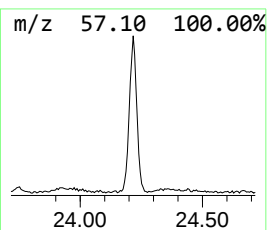
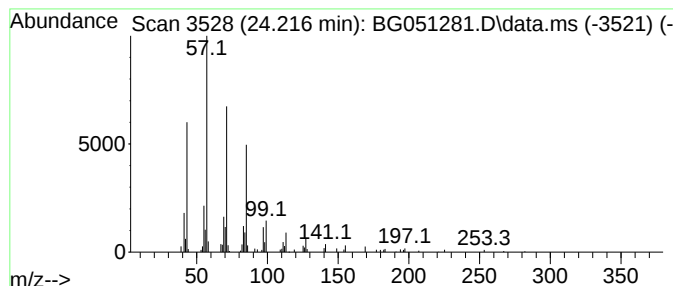
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Quant Title : SVOA CALIBRATION

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

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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 24.216 | 7.99 ng/ul | 168010 | Perylene-d12     | 25.274 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Hexacosane            | 366 | C26H54  | 000630-01-3 | 91   |
| 2    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 3    |    |   | Octadecane, 2-methyl- | 268 | C19H40  | 001560-88-9 | 90   |
| 4    |    |   | Hexadecane            | 226 | C16H34  | 000544-76-3 | 87   |
| 5    |    |   | Nonadecane            | 268 | C19H40  | 000629-92-5 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG113021\  
Data File : BG051281.D  
Acq On : 30 Nov 2021 15:39  
Operator : CG/JU  
Sample : M4839-04  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ESQP5

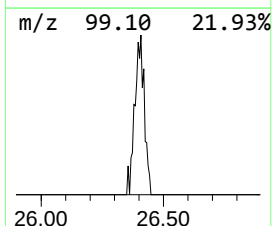
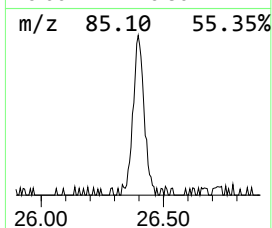
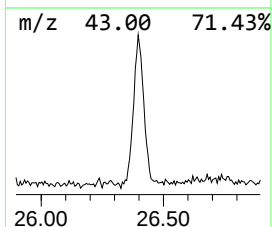
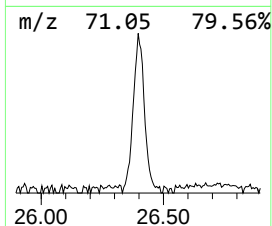
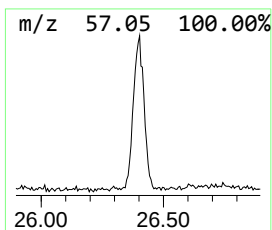
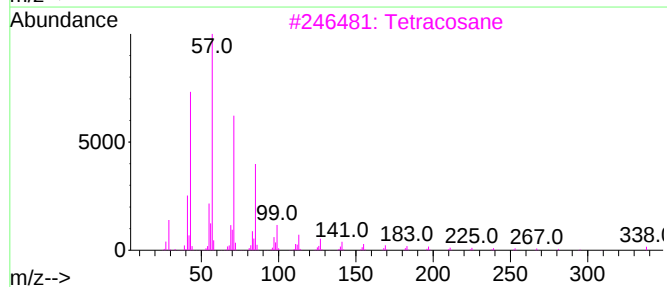
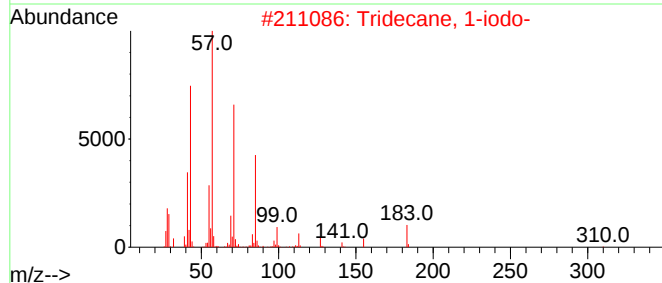
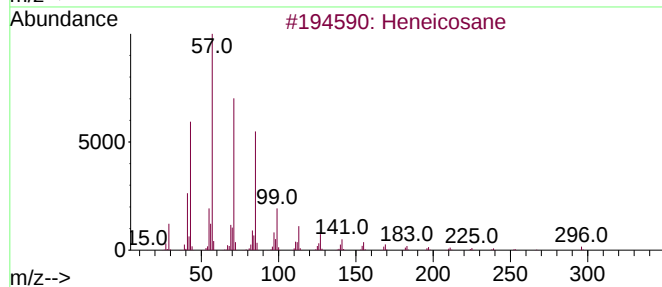
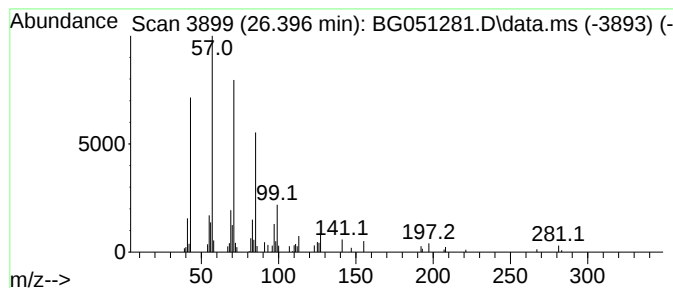
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Quant Title : SVOA CALIBRATION

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

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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 26.396 | 5.58 ng/ul | 117320 | Perylene-d12     | 25.274 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-----------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Heneicosane                       | 296 | C21H44    | 000629-94-7  | 87   |
| 2    |    |   | Tridecane, 1-iodo-                | 310 | C13H27I   | 035599-77-0  | 72   |
| 3    |    |   | Tetracosane                       | 338 | C24H50    | 000646-31-1  | 72   |
| 4    |    |   | Octadecane, 1-iodo-               | 380 | C18H37I   | 000629-93-6  | 72   |
| 5    |    |   | Sulfurous acid, butyl nonyl ester | 264 | C13H28O3S | 1000309-17-6 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG113021\  
Data File : BG051281.D  
Acq On : 30 Nov 2021 15:39  
Operator : CG/JU  
Sample : M4839-04  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
ESQP5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG112321.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 |
| Acetic acid, ch... | 21.467 | 3.2     | ng/ul | 68702    | 5                     | 21.878 | 423612 | 20.0 |
| Supraene           | 23.576 | 2.1     | ng/ul | 44852    | 6                     | 25.274 | 420459 | 20.0 |
| (DEL) Alkane: S... | 24.216 | 8.0     | ng/ul | 168010   | 6                     | 25.274 | 420459 | 20.0 |
| (DEL) Alkane: S... | 26.396 | 5.6     | ng/ul | 117320   | 6                     | 25.274 | 420459 | 20.0 |