

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
 Data File : BG051515.D  
 Acq On : 14 Dec 2021 22:45  
 Operator : CG/JU  
 Sample : M4995-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EW5Q4

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-BG121421.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG051515.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         | 3.541       | 6             | 9           | 13           | rVB3     | 1598           | 1875          | 0.15%           | 0.017%        |
| 2         | 3.605       | 17            | 20          | 27           | rVV2     | 8279           | 13893         | 1.13%           | 0.129%        |
| 3         | 3.658       | 27            | 29          | 31           | rVV2     | 2398           | 1919          | 0.16%           | 0.018%        |
| 4         | 3.711       | 33            | 38          | 41           | rVV4     | 1687           | 2491          | 0.20%           | 0.023%        |
| 5         | 3.758       | 41            | 46          | 47           | rVV4     | 2491           | 3308          | 0.27%           | 0.031%        |
| 6         | 3.776       | 47            | 49          | 53           | rVB2     | 1830           | 2307          | 0.19%           | 0.021%        |
| 7         | 4.040       | 90            | 94          | 106          | rBV      | 32495          | 59938         | 4.89%           | 0.555%        |
| 8         | 4.287       | 134           | 136         | 141          | rBV3     | 2676           | 2627          | 0.21%           | 0.024%        |
| 9         | 4.387       | 146           | 153         | 160          | rBV3     | 3753           | 7570          | 0.62%           | 0.070%        |
| 10        | 4.669       | 195           | 201         | 206          | rVV3     | 1262           | 3366          | 0.27%           | 0.031%        |
| 11        | 5.332       | 311           | 314         | 318          | rBV2     | 2766           | 3787          | 0.31%           | 0.035%        |
| 12        | 5.385       | 321           | 323         | 327          | rVB      | 1675           | 1644          | 0.13%           | 0.015%        |
| 13        | 7.406       | 661           | 667         | 676          | rVV      | 34968          | 64391         | 5.26%           | 0.596%        |
| 14        | 7.588       | 690           | 698         | 706          | rVV      | 107127         | 185581        | 15.15%          | 1.717%        |
| 15        | 7.806       | 727           | 735         | 741          | rBV2     | 113327         | 193714        | 15.82%          | 1.793%        |
| 16        | 8.281       | 808           | 816         | 823          | rBV      | 118165         | 204578        | 16.70%          | 1.893%        |
| 17        | 8.328       | 823           | 824         | 831          | rVB4     | 2834           | 3839          | 0.31%           | 0.036%        |
| 18        | 8.975       | 927           | 934         | 942          | rVB2     | 94740          | 165700        | 13.53%          | 1.533%        |
| 19        | 9.444       | 1006          | 1014        | 1024         | rBV      | 144313         | 264097        | 21.56%          | 2.444%        |
| 20        | 9.885       | 1082          | 1089        | 1092         | rBV2     | 1860           | 3570          | 0.29%           | 0.033%        |
| 21        | 10.179      | 1133          | 1139        | 1149         | rVB      | 118220         | 209056        | 17.07%          | 1.935%        |
| 22        | 10.725      | 1222          | 1232        | 1240         | rBV      | 176047         | 311265        | 25.42%          | 2.881%        |
| 23        | 10.878      | 1249          | 1258        | 1265         | rBV2     | 2979           | 7052          | 0.58%           | 0.065%        |
| 24        | 11.119      | 1292          | 1299        | 1305         | rVV      | 161281         | 291494        | 23.80%          | 2.698%        |
| 25        | 11.172      | 1305          | 1308        | 1313         | rVV      | 9401           | 13500         | 1.10%           | 0.125%        |
| 26        | 11.236      | 1313          | 1319        | 1328         | rVB      | 154191         | 280084        | 22.87%          | 2.592%        |
| 27        | 11.465      | 1355          | 1358        | 1363         | rVB2     | 1316           | 2229          | 0.18%           | 0.021%        |
| 28        | 11.518      | 1363          | 1367        | 1371         | rBV      | 1076           | 1875          | 0.15%           | 0.017%        |
| 29        | 11.694      | 1393          | 1397        | 1398         | rBV      | 1508           | 1834          | 0.15%           | 0.017%        |
| 30        | 11.865      | 1423          | 1426        | 1431         | rBV5     | 2035           | 3227          | 0.26%           | 0.030%        |
| 31        | 12.517      | 1534          | 1537        | 1539         | rBV2     | 2680           | 3404          | 0.28%           | 0.032%        |
| 32        | 12.617      | 1549          | 1554        | 1558         | rBV3     | 6994           | 11134         | 0.91%           | 0.103%        |
| 33        | 12.687      | 1563          | 1566        | 1571         | rVB4     | 3811           | 5297          | 0.43%           | 0.049%        |
| 34        | 12.758      | 1574          | 1578        | 1582         | rVB2     | 4285           | 6453          | 0.53%           | 0.060%        |
| 35        | 12.881      | 1594          | 1599        | 1601         | rBV2     | 1625           | 3034          | 0.25%           | 0.028%        |
| 36        | 12.981      | 1611          | 1616        | 1619         | rVB2     | 1787           | 2547          | 0.21%           | 0.024%        |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
 Data File : BG051515.D  
 Acq On : 14 Dec 2021 22:45  
 Operator : CG/JU  
 Sample : M4995-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EW5Q4

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-BG121421.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 13.028 | 1622 | 1624 | 1631 | rBV  | 764    | 1828   | 0.15%  | 0.017% |
| 38 | 13.286 | 1664 | 1668 | 1670 | rBV4 | 1799   | 2521   | 0.21%  | 0.023% |
| 39 | 13.527 | 1705 | 1709 | 1712 | rBV5 | 2444   | 4046   | 0.33%  | 0.037% |
| 40 | 13.745 | 1739 | 1746 | 1752 | rBV5 | 7095   | 12537  | 1.02%  | 0.116% |
| 41 | 14.309 | 1836 | 1842 | 1848 | rVB  | 366295 | 536755 | 43.83% | 4.967% |
| 42 | 14.543 | 1878 | 1882 | 1884 | rVV4 | 3316   | 5293   | 0.43%  | 0.049% |
| 43 | 14.567 | 1884 | 1886 | 1887 | rVV  | 2145   | 1774   | 0.14%  | 0.016% |
| 44 | 14.608 | 1887 | 1893 | 1902 | rVV  | 409351 | 635813 | 51.92% | 5.884% |
| 45 | 14.679 | 1902 | 1905 | 1909 | rVV4 | 1032   | 1873   | 0.15%  | 0.017% |
| 46 | 14.737 | 1913 | 1915 | 1921 | rVV5 | 3488   | 3857   | 0.31%  | 0.036% |
| 47 | 14.802 | 1921 | 1926 | 1929 | rVB3 | 2332   | 2695   | 0.22%  | 0.025% |
| 48 | 14.914 | 1937 | 1945 | 1952 | rBV  | 267263 | 432891 | 35.35% | 4.006% |
| 49 | 14.984 | 1952 | 1957 | 1960 | rVB4 | 1741   | 3129   | 0.26%  | 0.029% |
| 50 | 15.066 | 1965 | 1971 | 1978 | rVB  | 45002  | 68609  | 5.60%  | 0.635% |
| 51 | 15.301 | 2006 | 2011 | 2019 | rVB5 | 4456   | 8360   | 0.68%  | 0.077% |
| 52 | 15.483 | 2037 | 2042 | 2047 | rVB5 | 2582   | 3820   | 0.31%  | 0.035% |
| 53 | 15.636 | 2064 | 2068 | 2074 | rVV2 | 16879  | 24155  | 1.97%  | 0.224% |
| 54 | 15.712 | 2075 | 2081 | 2086 | rVV  | 146898 | 200778 | 16.39% | 1.858% |
| 55 | 15.748 | 2086 | 2087 | 2092 | rVB2 | 2607   | 2145   | 0.18%  | 0.020% |
| 56 | 15.900 | 2106 | 2113 | 2120 | rVV  | 535907 | 807603 | 65.94% | 7.474% |
| 57 | 16.000 | 2124 | 2130 | 2138 | rVV  | 181741 | 269534 | 22.01% | 2.494% |
| 58 | 16.147 | 2150 | 2155 | 2160 | rVB4 | 2630   | 5115   | 0.42%  | 0.047% |
| 59 | 16.247 | 2168 | 2172 | 2179 | rBV4 | 3103   | 6453   | 0.53%  | 0.060% |
| 60 | 16.365 | 2190 | 2192 | 2194 | rBV3 | 2104   | 1949   | 0.16%  | 0.018% |
| 61 | 16.400 | 2194 | 2198 | 2200 | rVV4 | 4611   | 6258   | 0.51%  | 0.058% |
| 62 | 16.541 | 2218 | 2222 | 2223 | rVV3 | 1824   | 1843   | 0.15%  | 0.017% |
| 63 | 16.576 | 2226 | 2228 | 2231 | rBV2 | 2613   | 2512   | 0.21%  | 0.023% |
| 64 | 16.611 | 2231 | 2234 | 2235 | rVV3 | 1751   | 1975   | 0.16%  | 0.018% |
| 65 | 16.641 | 2237 | 2239 | 2244 | rVB6 | 2368   | 2258   | 0.18%  | 0.021% |
| 66 | 16.694 | 2246 | 2248 | 2252 | rVB3 | 2101   | 1709   | 0.14%  | 0.016% |
| 67 | 16.729 | 2252 | 2254 | 2256 | rBV3 | 2974   | 2304   | 0.19%  | 0.021% |
| 68 | 16.782 | 2259 | 2263 | 2268 | rVB7 | 2778   | 4737   | 0.39%  | 0.044% |
| 69 | 16.887 | 2280 | 2281 | 2284 | rBV3 | 2262   | 2338   | 0.19%  | 0.022% |
| 70 | 16.952 | 2289 | 2292 | 2296 | rVV5 | 1698   | 2168   | 0.18%  | 0.020% |
| 71 | 17.011 | 2299 | 2302 | 2304 | rBV3 | 2160   | 2623   | 0.21%  | 0.024% |
| 72 | 17.122 | 2316 | 2321 | 2324 | rBV7 | 4566   | 7377   | 0.60%  | 0.068% |
| 73 | 17.404 | 2367 | 2369 | 2372 | rVB3 | 3483   | 3145   | 0.26%  | 0.029% |
| 74 | 17.440 | 2372 | 2375 | 2378 | rBV4 | 3625   | 5744   | 0.47%  | 0.053% |
| 75 | 17.557 | 2392 | 2395 | 2399 | rBV4 | 4389   | 5274   | 0.43%  | 0.049% |
| 76 | 17.663 | 2406 | 2413 | 2419 | rBV  | 372208 | 561583 | 45.85% | 5.197% |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
 Data File : BG051515.D  
 Acq On : 14 Dec 2021 22:45  
 Operator : CG/JU  
 Sample : M4995-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EW5Q4

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-BG121421.M  
 Title : SVOA CALIBRATION

|     |        |      |      |      |      |        |         |         |         |
|-----|--------|------|------|------|------|--------|---------|---------|---------|
| 77  | 17.763 | 2422 | 2430 | 2436 | rVV  | 652608 | 1003222 | 81.91%  | 9.284%  |
| 78  | 17.827 | 2439 | 2441 | 2446 | rVB5 | 5085   | 5767    | 0.47%   | 0.053%  |
| 79  | 17.868 | 2446 | 2448 | 2451 | rBV4 | 1453   | 1774    | 0.14%   | 0.016%  |
| 80  | 17.933 | 2454 | 2459 | 2461 | rBV3 | 5805   | 8321    | 0.68%   | 0.077%  |
| 81  | 18.080 | 2483 | 2484 | 2489 | rVB5 | 3320   | 3647    | 0.30%   | 0.034%  |
| 82  | 18.315 | 2520 | 2524 | 2529 | rVB  | 19943  | 25561   | 2.09%   | 0.237%  |
| 83  | 18.462 | 2544 | 2549 | 2551 | rBV6 | 2969   | 4874    | 0.40%   | 0.045%  |
| 84  | 18.532 | 2556 | 2561 | 2564 | rVV6 | 22012  | 30326   | 2.48%   | 0.281%  |
| 85  | 18.579 | 2567 | 2569 | 2571 | rVV3 | 2215   | 1764    | 0.14%   | 0.016%  |
| 86  | 18.609 | 2571 | 2574 | 2577 | rVB  | 8508   | 10528   | 0.86%   | 0.097%  |
| 87  | 18.638 | 2577 | 2579 | 2580 | rBV2 | 3175   | 2224    | 0.18%   | 0.021%  |
| 88  | 18.791 | 2603 | 2605 | 2608 | rVB4 | 3255   | 3278    | 0.27%   | 0.030%  |
| 89  | 18.844 | 2608 | 2614 | 2615 | rBV6 | 3830   | 5585    | 0.46%   | 0.052%  |
| 90  | 19.073 | 2649 | 2653 | 2654 | rBV4 | 2951   | 3986    | 0.33%   | 0.037%  |
| 91  | 19.396 | 2706 | 2708 | 2712 | rVB5 | 5889   | 6386    | 0.52%   | 0.059%  |
| 92  | 19.478 | 2717 | 2722 | 2724 | rBV5 | 9435   | 10365   | 0.85%   | 0.096%  |
| 93  | 19.601 | 2740 | 2743 | 2747 | rBV5 | 10613  | 13784   | 1.13%   | 0.128%  |
| 94  | 19.795 | 2773 | 2776 | 2779 | rBV5 | 7115   | 8811    | 0.72%   | 0.082%  |
| 95  | 19.936 | 2798 | 2800 | 2804 | rVB5 | 7304   | 8673    | 0.71%   | 0.080%  |
| 96  | 20.036 | 2810 | 2817 | 2824 | rBV  | 871950 | 1224715 | 100.00% | 11.334% |
| 97  | 21.587 | 3077 | 3081 | 3087 | rBV4 | 50798  | 79832   | 6.52%   | 0.739%  |
| 98  | 21.980 | 3142 | 3148 | 3158 | rVB  | 342767 | 598351  | 48.86%  | 5.537%  |
| 99  | 25.241 | 3693 | 3703 | 3715 | rVB2 | 393051 | 1157027 | 94.47%  | 10.708% |
| 100 | 25.482 | 3735 | 3744 | 3755 | rVB2 | 194149 | 585578  | 47.81%  | 5.419%  |

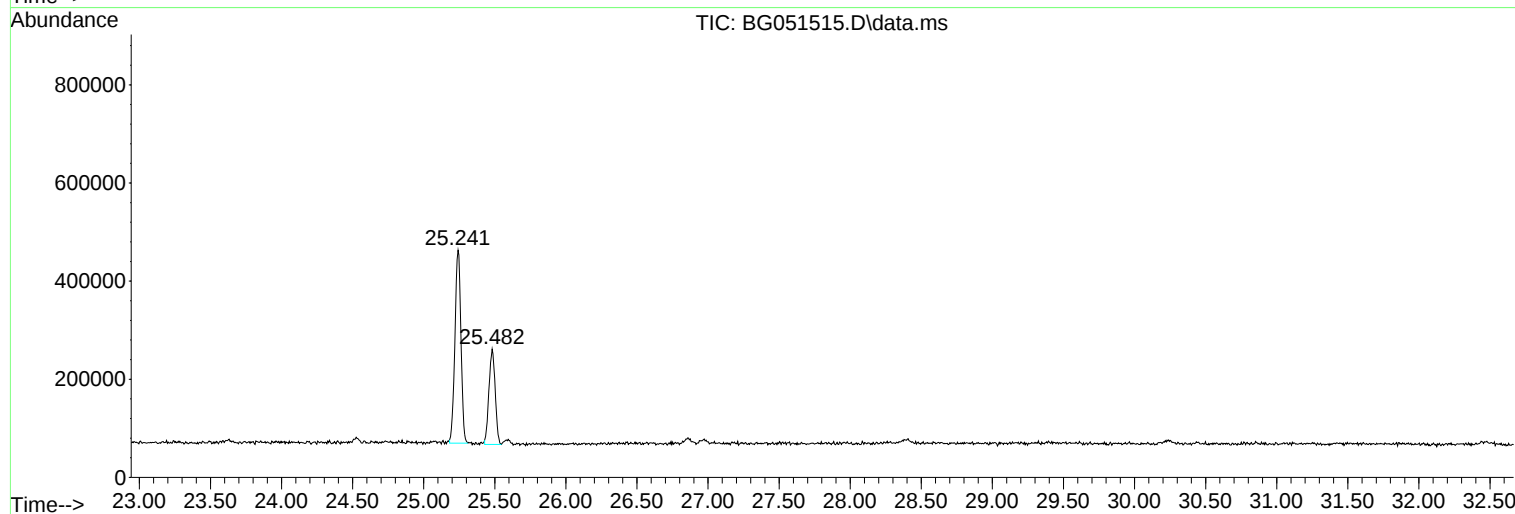
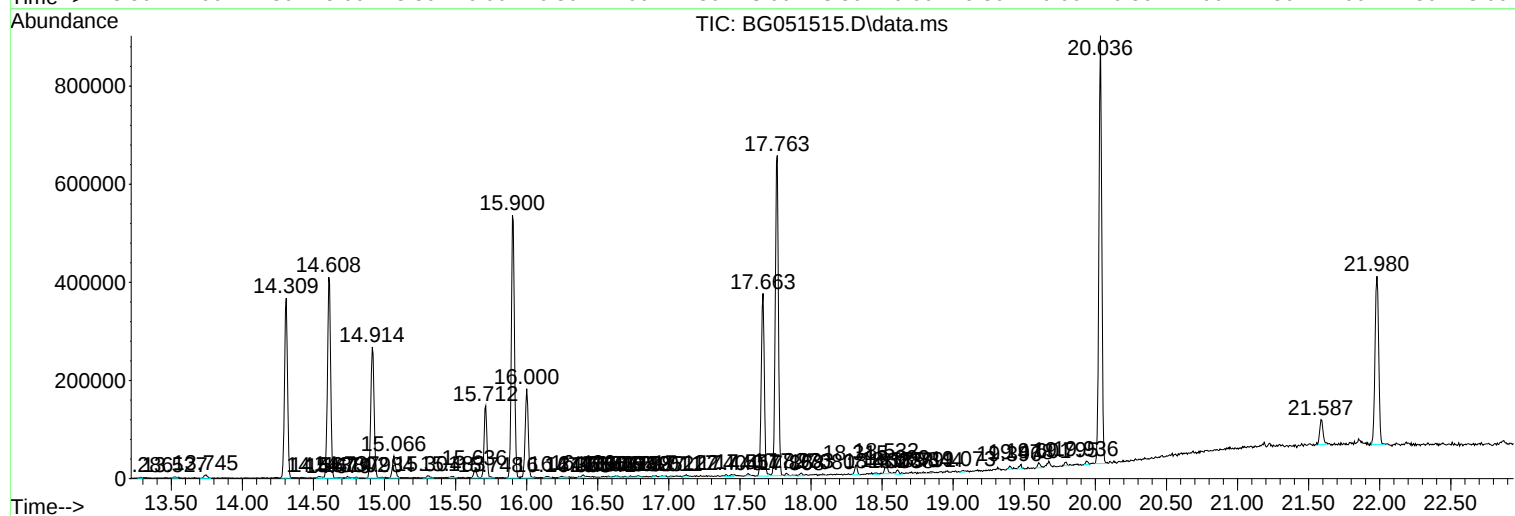
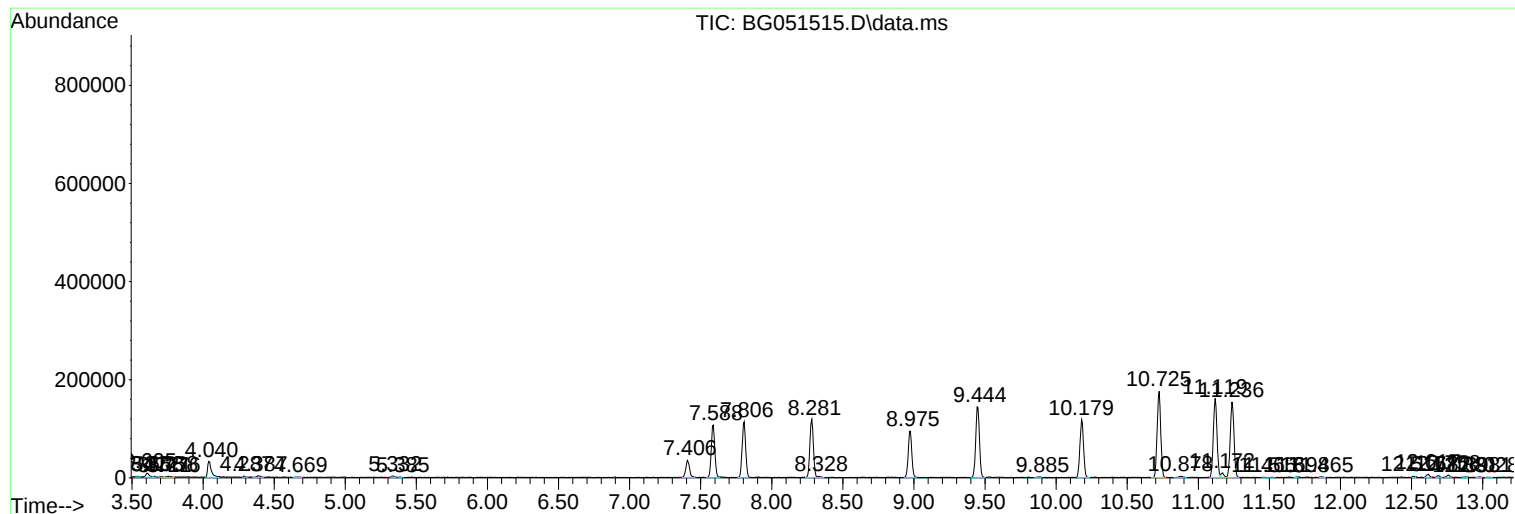
Sum of corrected areas: 10805440

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
Data File : BG051515.D  
Acq On : 14 Dec 2021 22:45  
Operator : CG/JU  
Sample : M4995-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EW5Q4

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
Data File : BG051515.D  
Acq On : 14 Dec 2021 22:45  
Operator : CG/JU  
Sample : M4995-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EW5Q4

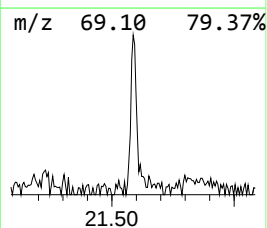
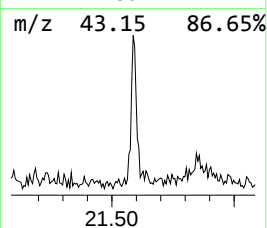
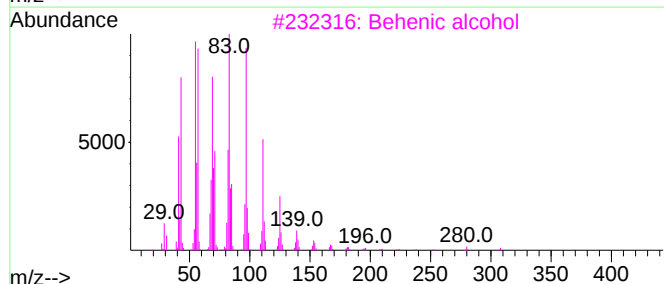
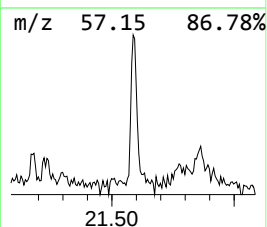
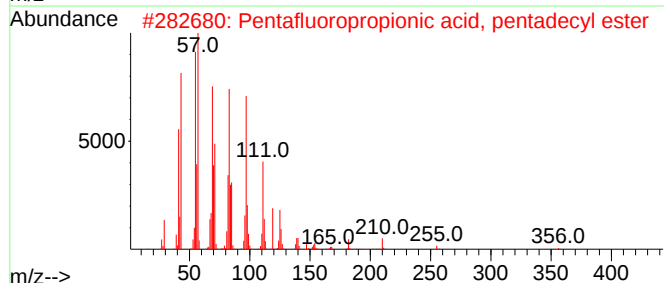
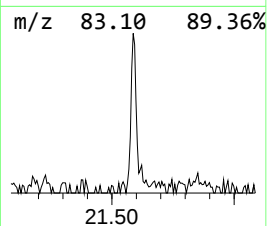
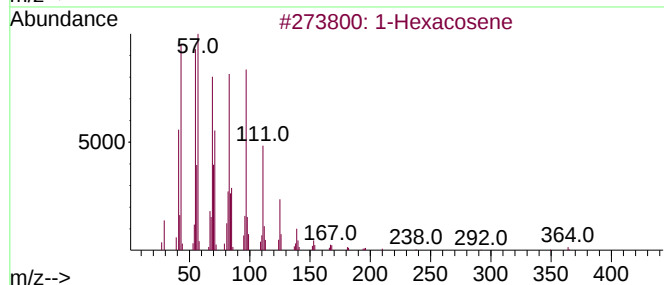
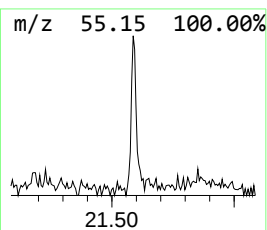
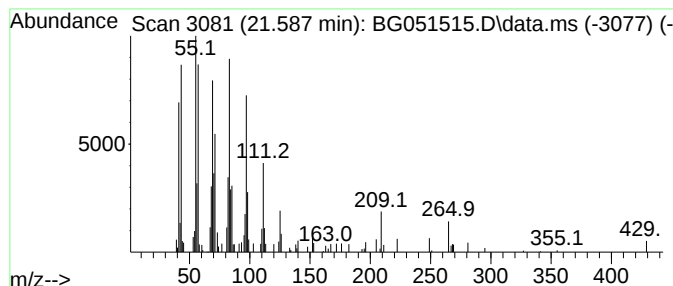
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.M  
Quant Title : SVOA CALIBRATION

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

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

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 21.587 | 2.67 ng/ul | 79832 | Chrysene-d12     | 21.980 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm    | CAS#         | Qual |
|------|-------------------------------------|---|--------------|-----|------------|--------------|------|
| 1    | 1-Hexacosene                        |   |              | 364 | C26H52     | 018835-33-1  | 93   |
| 2    | Pentafluoropropionic acid, penta... |   |              | 374 | C18H31F5O2 | 959092-08-1  | 90   |
| 3    | Behenic alcohol                     |   |              | 326 | C22H46O    | 000661-19-8  | 90   |
| 4    | Pentacos-1-ene                      |   |              | 350 | C25H50     | 016980-85-1  | 90   |
| 5    | Nonadecyl trifluoroacetate          |   |              | 380 | C21H39F3O2 | 1000351-76-3 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121421\  
Data File : BG051515.D  
Acq On : 14 Dec 2021 22:45  
Operator : CG/JU  
Sample : M4995-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
EW5Q4

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG121421.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 |
| (DEL) Alkane: S... | 21.587 | 2.7     | ng/u1 | 79832    | 5                     | 21.980 | 598351 | 20.0 |