

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062122\  
 Data File : BG054010.D  
 Acq On : 22 Jun 2022 14:13  
 Operator : CG/JU  
 Sample : N3400-07  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C0AD4

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-BG062022.M  
 Title : SVOA CALIBRATION

Signal : TIC: BG054010.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         | 3.505       | 16            | 20          | 23           | rVB5     | 2729           | 3794          | 0.60%           | 0.065%        |
| 2         | 3.587       | 31            | 34          | 38           | rBV3     | 1073           | 1642          | 0.26%           | 0.028%        |
| 3         | 3.799       | 67            | 70          | 71           | rBV2     | 938            | 882           | 0.14%           | 0.015%        |
| 4         | 3.922       | 87            | 91          | 100          | rBV2     | 21523          | 39982         | 6.28%           | 0.686%        |
| 5         | 4.157       | 128           | 131         | 136          | rVB2     | 2264           | 2698          | 0.42%           | 0.046%        |
| 6         | 4.257       | 146           | 148         | 151          | rBV3     | 993            | 904           | 0.14%           | 0.016%        |
| 7         | 4.627       | 208           | 211         | 215          | rVB2     | 701            | 1223          | 0.19%           | 0.021%        |
| 8         | 5.168       | 301           | 303         | 308          | rVB2     | 1448           | 2077          | 0.33%           | 0.036%        |
| 9         | 7.236       | 649           | 655         | 664          | rVB      | 37836          | 66482         | 10.44%          | 1.140%        |
| 10        | 7.400       | 677           | 683         | 689          | rVV      | 44001          | 78205         | 12.28%          | 1.342%        |
| 11        | 7.459       | 689           | 693         | 700          | rVB2     | 3093           | 5766          | 0.91%           | 0.099%        |
| 12        | 7.612       | 713           | 719         | 727          | rVV      | 40974          | 71730         | 11.26%          | 1.231%        |
| 13        | 8.076       | 792           | 798         | 806          | rBV      | 60616          | 107775        | 16.92%          | 1.849%        |
| 14        | 8.141       | 806           | 809         | 814          | rVV      | 2052           | 3086          | 0.48%           | 0.053%        |
| 15        | 8.781       | 911           | 918         | 925          | rBV      | 51966          | 93134         | 14.62%          | 1.598%        |
| 16        | 9.233       | 988           | 995         | 1009         | rBV      | 59550          | 111493        | 17.50%          | 1.913%        |
| 17        | 9.674       | 1065          | 1070        | 1074         | rVB2     | 5158           | 7410          | 1.16%           | 0.127%        |
| 18        | 9.962       | 1113          | 1119        | 1127         | rBB2     | 31843          | 58527         | 9.19%           | 1.004%        |
| 19        | 10.373      | 1185          | 1189        | 1197         | rBB2     | 1558           | 2944          | 0.46%           | 0.051%        |
| 20        | 10.502      | 1205          | 1211        | 1221         | rBB2     | 55455          | 103673        | 16.27%          | 1.779%        |
| 21        | 10.884      | 1269          | 1276        | 1285         | rBB      | 84560          | 158218        | 24.84%          | 2.714%        |
| 22        | 11.014      | 1291          | 1298        | 1307         | rBV      | 105433         | 203674        | 31.97%          | 3.494%        |
| 23        | 13.528      | 1722          | 1726        | 1732         | rBB2     | 3512           | 5248          | 0.82%           | 0.090%        |
| 24        | 14.098      | 1817          | 1823        | 1830         | rBV      | 165763         | 253534        | 39.80%          | 4.349%        |
| 25        | 14.398      | 1866          | 1874        | 1882         | rBV      | 180819         | 298412        | 46.84%          | 5.119%        |
| 26        | 14.598      | 1904          | 1908        | 1910         | rBB2     | 1093           | 1284          | 0.20%           | 0.022%        |
| 27        | 14.703      | 1918          | 1926        | 1932         | rBB      | 152915         | 248832        | 39.06%          | 4.269%        |
| 28        | 14.886      | 1952          | 1957        | 1969         | rBV2     | 27918          | 51894         | 8.15%           | 0.890%        |
| 29        | 15.497      | 2057          | 2061        | 2066         | rBB      | 933            | 1185          | 0.19%           | 0.020%        |
| 30        | 15.690      | 2086          | 2094        | 2107         | rBB      | 257731         | 405185        | 63.60%          | 6.951%        |
| 31        | 15.802      | 2107          | 2113        | 2120         | rBV      | 31851          | 49831         | 7.82%           | 0.855%        |
| 32        | 15.926      | 2131          | 2134        | 2141         | rVB      | 1992           | 2965          | 0.47%           | 0.051%        |
| 33        | 16.472      | 2223          | 2227        | 2228         | rBV      | 1326           | 992           | 0.16%           | 0.017%        |
| 34        | 17.195      | 2348          | 2350        | 2354         | rBB      | 858            | 1120          | 0.18%           | 0.019%        |
| 35        | 17.365      | 2375          | 2379        | 2382         | rVB2     | 893            | 1019          | 0.16%           | 0.017%        |
| 36        | 17.441      | 2385          | 2392        | 2401         | rVV      | 209142         | 340819        | 53.50%          | 5.847%        |

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Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG062022.M  
 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 37 | 17.541 | 2401 | 2409 | 2419 | rVV2 | 305962 | 474626 | 74.50%  | 8.142%  |
| 38 | 17.624 | 2419 | 2423 | 2428 | rVB2 | 985    | 1734   | 0.27%   | 0.030%  |
| 39 | 18.105 | 2502 | 2505 | 2511 | rVB3 | 3455   | 4591   | 0.72%   | 0.079%  |
| 40 | 18.329 | 2539 | 2543 | 2550 | rBV2 | 9857   | 15158  | 2.38%   | 0.260%  |
| 41 | 18.622 | 2590 | 2593 | 2596 | rBV  | 1050   | 1751   | 0.27%   | 0.030%  |
| 42 | 19.128 | 2677 | 2679 | 2681 | rVV2 | 1096   | 1012   | 0.16%   | 0.017%  |
| 43 | 19.181 | 2687 | 2688 | 2691 | rVB  | 1176   | 1024   | 0.16%   | 0.018%  |
| 44 | 19.257 | 2696 | 2701 | 2708 | rVB4 | 2286   | 5003   | 0.79%   | 0.086%  |
| 45 | 19.316 | 2708 | 2711 | 2713 | rBV2 | 850    | 878    | 0.14%   | 0.015%  |
| 46 | 19.392 | 2721 | 2724 | 2730 | rVV2 | 2556   | 3625   | 0.57%   | 0.062%  |
| 47 | 19.468 | 2732 | 2737 | 2742 | rBV3 | 2552   | 4424   | 0.69%   | 0.076%  |
| 48 | 19.598 | 2756 | 2759 | 2763 | rBV4 | 3726   | 5346   | 0.84%   | 0.092%  |
| 49 | 19.715 | 2777 | 2779 | 2783 | rVV3 | 1691   | 2086   | 0.33%   | 0.036%  |
| 50 | 19.750 | 2783 | 2785 | 2789 | rVB4 | 1356   | 1637   | 0.26%   | 0.028%  |
| 51 | 19.827 | 2790 | 2798 | 2810 | rBV  | 436068 | 637045 | 100.00% | 10.928% |
| 52 | 19.956 | 2819 | 2820 | 2825 | rVB3 | 760    | 907    | 0.14%   | 0.016%  |
| 53 | 20.250 | 2869 | 2870 | 2873 | rBV2 | 800    | 886    | 0.14%   | 0.015%  |
| 54 | 20.297 | 2876 | 2878 | 2880 | rBV3 | 1031   | 883    | 0.14%   | 0.015%  |
| 55 | 20.320 | 2880 | 2882 | 2884 | rVV3 | 2675   | 3067   | 0.48%   | 0.053%  |
| 56 | 20.356 | 2885 | 2888 | 2893 | rVB2 | 11505  | 12898  | 2.02%   | 0.221%  |
| 57 | 20.397 | 2893 | 2895 | 2896 | rBV2 | 1025   | 879    | 0.14%   | 0.015%  |
| 58 | 20.520 | 2914 | 2916 | 2919 | rBV4 | 1811   | 2098   | 0.33%   | 0.036%  |
| 59 | 20.667 | 2937 | 2941 | 2943 | rBV4 | 1267   | 1822   | 0.29%   | 0.031%  |
| 60 | 20.702 | 2946 | 2947 | 2949 | rBV  | 1120   | 1097   | 0.17%   | 0.019%  |
| 61 | 20.767 | 2956 | 2958 | 2959 | rBV  | 1350   | 1101   | 0.17%   | 0.019%  |
| 62 | 20.849 | 2968 | 2972 | 2976 | rBV2 | 16030  | 22516  | 3.53%   | 0.386%  |
| 63 | 20.926 | 2983 | 2985 | 2987 | rVB2 | 1731   | 1281   | 0.20%   | 0.022%  |
| 64 | 21.025 | 3001 | 3002 | 3004 | rVB2 | 1302   | 867    | 0.14%   | 0.015%  |
| 65 | 21.213 | 3033 | 3034 | 3037 | rBV3 | 1381   | 1157   | 0.18%   | 0.020%  |
| 66 | 21.360 | 3053 | 3059 | 3068 | rBV  | 61220  | 106736 | 16.75%  | 1.831%  |
| 67 | 21.584 | 3095 | 3097 | 3098 | rBV2 | 2070   | 1264   | 0.20%   | 0.022%  |
| 68 | 21.613 | 3098 | 3102 | 3105 | rVV6 | 2183   | 3828   | 0.60%   | 0.066%  |
| 69 | 21.719 | 3113 | 3120 | 3127 | rBV  | 249649 | 419462 | 65.84%  | 7.196%  |
| 70 | 21.824 | 3136 | 3138 | 3140 | rVB2 | 2610   | 1761   | 0.28%   | 0.030%  |
| 71 | 21.848 | 3140 | 3142 | 3143 | rBV2 | 1656   | 1139   | 0.18%   | 0.020%  |
| 72 | 21.866 | 3143 | 3145 | 3147 | rVB3 | 1899   | 1112   | 0.17%   | 0.019%  |
| 73 | 21.918 | 3147 | 3154 | 3162 | rBV2 | 16576  | 29343  | 4.61%   | 0.503%  |
| 74 | 22.535 | 3254 | 3259 | 3272 | rVB3 | 18957  | 37579  | 5.90%   | 0.645%  |
| 75 | 23.235 | 3373 | 3378 | 3386 | rVB2 | 15025  | 29462  | 4.62%   | 0.505%  |
| 76 | 23.681 | 3452 | 3454 | 3457 | rBV4 | 2038   | 2413   | 0.38%   | 0.041%  |

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|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 77  | 24.057 | 3509 | 3518 | 3524 | rBV5 | 16166  | 38850  | 6.10%  | 0.666%  |
| 78  | 24.633 | 3614 | 3616 | 3618 | rBV3 | 1845   | 1498   | 0.24%  | 0.026%  |
| 79  | 24.756 | 3626 | 3637 | 3651 | rVB  | 216583 | 628705 | 98.69% | 10.785% |
| 80  | 24.980 | 3665 | 3675 | 3691 | rVB2 | 138178 | 441513 | 69.31% | 7.574%  |
| 81  | 25.174 | 3706 | 3708 | 3711 | rBV4 | 1527   | 1270   | 0.20%  | 0.022%  |
| 82  | 25.567 | 3773 | 3775 | 3776 | rVB  | 1653   | 977    | 0.15%  | 0.017%  |
| 83  | 25.679 | 3792 | 3794 | 3797 | rBV4 | 1985   | 1550   | 0.24%  | 0.027%  |
| 84  | 26.178 | 3873 | 3879 | 3889 | rVB5 | 10714  | 32391  | 5.08%  | 0.556%  |
| 85  | 26.249 | 3889 | 3891 | 3894 | rBV3 | 1617   | 1726   | 0.27%  | 0.030%  |
| 86  | 26.437 | 3921 | 3923 | 3924 | rBV2 | 1411   | 900    | 0.14%  | 0.015%  |
| 87  | 26.748 | 3974 | 3976 | 3980 | rBV4 | 1842   | 2225   | 0.35%  | 0.038%  |
| 88  | 27.212 | 4053 | 4055 | 4059 | rBV4 | 3671   | 3644   | 0.57%  | 0.063%  |
| 89  | 27.565 | 4107 | 4115 | 4121 | rBV9 | 6860   | 21814  | 3.42%  | 0.374%  |
| 90  | 27.747 | 4142 | 4146 | 4150 | rBV6 | 1602   | 3441   | 0.54%  | 0.059%  |
| 91  | 28.675 | 4302 | 4304 | 4305 | rBV2 | 1392   | 1226   | 0.19%  | 0.021%  |
| 92  | 28.846 | 4331 | 4333 | 4335 | rBV3 | 1637   | 1208   | 0.19%  | 0.021%  |
| 93  | 29.210 | 4393 | 4395 | 4396 | rBV  | 2754   | 1997   | 0.31%  | 0.034%  |
| 94  | 30.033 | 4533 | 4535 | 4538 | rBV4 | 1672   | 1469   | 0.23%  | 0.025%  |
| 95  | 30.127 | 4549 | 4551 | 4555 | rBV4 | 1689   | 1932   | 0.30%  | 0.033%  |
| 96  | 31.830 | 4839 | 4841 | 4844 | rVB3 | 1780   | 1599   | 0.25%  | 0.027%  |
| 97  | 31.971 | 4863 | 4865 | 4868 | rBV4 | 1585   | 1319   | 0.21%  | 0.023%  |
| 98  | 32.253 | 4911 | 4913 | 4914 | rBV2 | 1937   | 1249   | 0.20%  | 0.021%  |
| 99  | 32.271 | 4914 | 4916 | 4917 | rVV  | 1649   | 1301   | 0.20%  | 0.022%  |
| 100 | 32.312 | 4921 | 4923 | 4928 | rBV5 | 1472   | 2295   | 0.36%  | 0.039%  |

Sum of corrected areas: 5829236



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG062022.M  
Quant Title : SVOA CALIBRATION

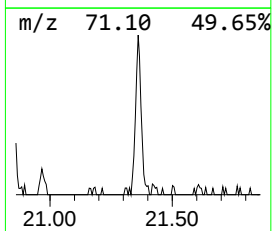
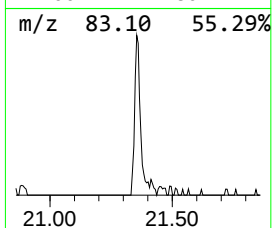
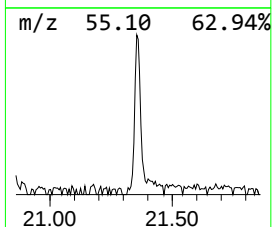
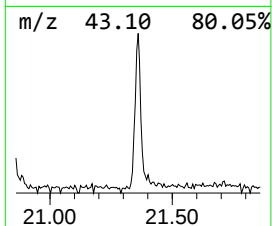
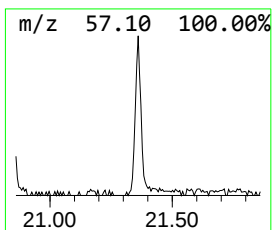
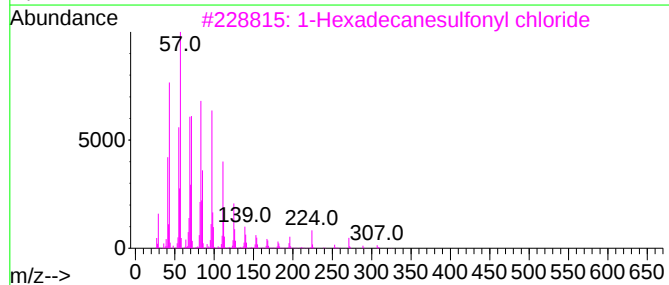
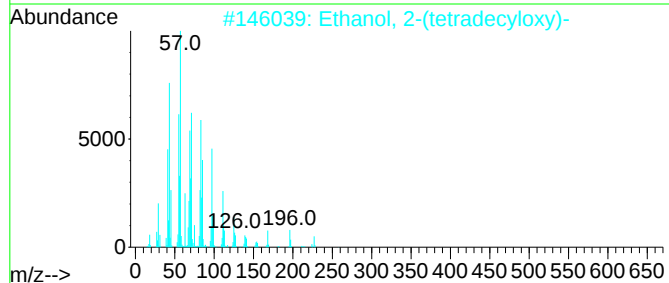
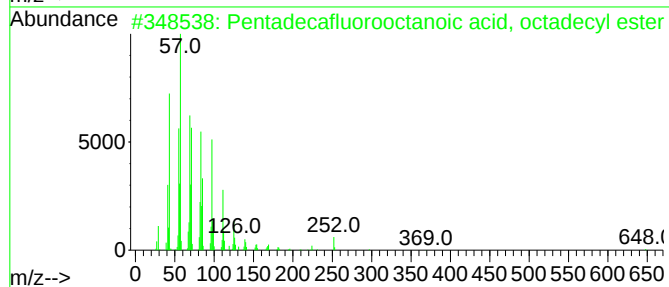
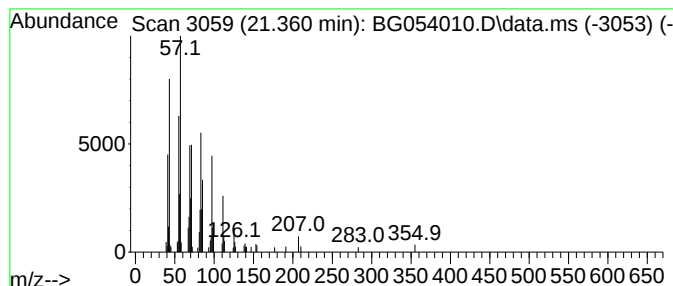
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Pentadecafluorooctanoic aci... Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 21.360 | 5.09 ng/ul | 106736 | Chrysene-d12     | 21.719 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 93   |
| 2    |    |   | Ethanol, 2-(tetradecyloxy)-         | 258 | C16H34O2    | 002136-70-1  | 91   |
| 3    |    |   | 1-Hexadecanesulfonyl chloride       | 324 | C16H33ClO2S | 038775-38-1  | 91   |
| 4    |    |   | Docosyl pentafluoropropionate       | 472 | C25H45F5O2  | 1000351-80-9 | 91   |
| 5    |    |   | Heptadecyl heptafluorobutyrate      | 452 | C21H35F7O2  | 959085-66-6  | 90   |



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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Pentadecafluoro... | 21.360 | 5.1     | ng/ul | 106736   | 5                     | 21.719 | 419462 | 20.0 |