

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062122\  
 Data File : BG053994.D  
 Acq On : 22 Jun 2022 1:51  
 Operator : CG/JU  
 Sample : N3400-07  
 Misc :  
 ALS Vial : 27 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: BG053994.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         | 3.499       | 16            | 19          | 25           | rVB2     | 3259           | 4268          | 0.78%           | 0.094%        |
| 2         | 3.822       | 70            | 74          | 76           | rBV5     | 879            | 1058          | 0.19%           | 0.023%        |
| 3         | 3.922       | 87            | 91          | 99           | rBV      | 22075          | 39488         | 7.23%           | 0.870%        |
| 4         | 4.157       | 127           | 131         | 134          | rVV4     | 2123           | 3065          | 0.56%           | 0.068%        |
| 5         | 4.257       | 145           | 148         | 151          | rVV3     | 1472           | 1972          | 0.36%           | 0.043%        |
| 6         | 4.339       | 161           | 162         | 170          | rVB4     | 492            | 932           | 0.17%           | 0.021%        |
| 7         | 4.615       | 205           | 209         | 210          | rBV2     | 758            | 933           | 0.17%           | 0.021%        |
| 8         | 5.168       | 301           | 303         | 311          | rVB3     | 2066           | 3254          | 0.60%           | 0.072%        |
| 9         | 7.236       | 647           | 655         | 663          | rVV2     | 5243           | 9952          | 1.82%           | 0.219%        |
| 10        | 7.400       | 675           | 683         | 689          | rVV      | 25651          | 43877         | 8.04%           | 0.966%        |
| 11        | 7.459       | 689           | 693         | 700          | rVV      | 4255           | 7995          | 1.46%           | 0.176%        |
| 12        | 7.612       | 711           | 719         | 725          | rVB3     | 10422          | 18521         | 3.39%           | 0.408%        |
| 13        | 8.082       | 790           | 799         | 805          | rBV      | 72569          | 128109        | 23.47%          | 2.821%        |
| 14        | 8.135       | 805           | 808         | 816          | rVB3     | 1905           | 3248          | 0.60%           | 0.072%        |
| 15        | 8.781       | 912           | 918         | 924          | rVB2     | 11943          | 19981         | 3.66%           | 0.440%        |
| 16        | 9.234       | 987           | 995         | 1005         | rVV2     | 31088          | 58385         | 10.70%          | 1.286%        |
| 17        | 9.674       | 1065          | 1070        | 1075         | rBB3     | 5718           | 8547          | 1.57%           | 0.188%        |
| 18        | 9.962       | 1112          | 1119        | 1126         | rBB2     | 6570           | 11990         | 2.20%           | 0.264%        |
| 19        | 10.379      | 1185          | 1190        | 1195         | rBB      | 1191           | 2402          | 0.44%           | 0.053%        |
| 20        | 10.503      | 1204          | 1211        | 1219         | rBB2     | 13832          | 24321         | 4.46%           | 0.536%        |
| 21        | 10.885      | 1269          | 1276        | 1285         | rBB      | 95823          | 183667        | 33.65%          | 4.045%        |
| 22        | 11.014      | 1291          | 1298        | 1309         | rBV      | 73826          | 134271        | 24.60%          | 2.957%        |
| 23        | 13.529      | 1722          | 1726        | 1731         | rBB      | 4133           | 5256          | 0.96%           | 0.116%        |
| 24        | 14.098      | 1817          | 1823        | 1830         | rBV      | 96529          | 142359        | 26.08%          | 3.135%        |
| 25        | 14.392      | 1865          | 1873        | 1882         | rBB      | 100064         | 164531        | 30.14%          | 3.623%        |
| 26        | 14.592      | 1905          | 1907        | 1910         | rBB2     | 788            | 954           | 0.17%           | 0.021%        |
| 27        | 14.704      | 1919          | 1926        | 1933         | rBB      | 174209         | 286234        | 52.44%          | 6.304%        |
| 28        | 14.892      | 1953          | 1958        | 1964         | rBB3     | 2146           | 3550          | 0.65%           | 0.078%        |
| 29        | 15.497      | 2058          | 2061        | 2064         | rBB      | 709            | 911           | 0.17%           | 0.020%        |
| 30        | 15.691      | 2088          | 2094        | 2102         | rBB      | 149178         | 232411        | 42.58%          | 5.118%        |
| 31        | 15.796      | 2108          | 2112        | 2118         | rBB2     | 3742           | 5083          | 0.93%           | 0.112%        |
| 32        | 15.932      | 2131          | 2135        | 2138         | rBB2     | 689            | 887           | 0.16%           | 0.020%        |
| 33        | 17.442      | 2385          | 2392        | 2399         | rVV      | 254714         | 405571        | 74.31%          | 8.932%        |
| 34        | 17.541      | 2403          | 2409        | 2417         | rVV      | 180014         | 284681        | 52.16%          | 6.269%        |
| 35        | 17.935      | 2471          | 2476        | 2479         | rBV2     | 626            | 982           | 0.18%           | 0.022%        |
| 36        | 17.965      | 2479          | 2481        | 2485         | rVB2     | 842            | 976           | 0.18%           | 0.021%        |

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|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 37 | 18.106 | 2502 | 2505 | 2508 | rVV3 | 4037 | 4482 | 0.82% | 0.099% |
| 38 | 18.335 | 2540 | 2544 | 2551 | rBV2 | 3926 | 7688 | 1.41% | 0.169% |
| 39 | 18.405 | 2553 | 2556 | 2561 | rVB3 | 1218 | 1841 | 0.34% | 0.041% |
| 40 | 19.257 | 2697 | 2701 | 2702 | rBV3 | 1478 | 1612 | 0.30% | 0.036% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 41 | 19.398 | 2721 | 2725 | 2727 | rVV4 | 3254 | 4598 | 0.84% | 0.101% |
| 42 | 19.463 | 2731 | 2736 | 2740 | rVV3 | 2262 | 3783 | 0.69% | 0.083% |
| 43 | 19.533 | 2746 | 2748 | 2752 | rVB  | 961  | 1250 | 0.23% | 0.028% |
| 44 | 19.598 | 2756 | 2759 | 2761 | rBV3 | 2014 | 2419 | 0.44% | 0.053% |
| 45 | 19.639 | 2764 | 2766 | 2771 | rVB4 | 986  | 1416 | 0.26% | 0.031% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 46 | 19.745 | 2782 | 2784 | 2790 | rVV4 | 2018   | 2554   | 0.47%  | 0.056% |
| 47 | 19.827 | 2790 | 2798 | 2809 | rVV  | 269218 | 401511 | 73.56% | 8.842% |
| 48 | 19.992 | 2823 | 2826 | 2829 | rBV3 | 986    | 1267   | 0.23%  | 0.028% |
| 49 | 20.203 | 2859 | 2862 | 2863 | rBV3 | 886    | 975    | 0.18%  | 0.021% |
| 50 | 20.250 | 2868 | 2870 | 2873 | rVB3 | 1272   | 1160   | 0.21%  | 0.026% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 51 | 20.321 | 2879 | 2882 | 2885 | rBV2 | 2348  | 3565  | 0.65% | 0.079% |
| 52 | 20.356 | 2885 | 2888 | 2895 | rVB  | 10460 | 12887 | 2.36% | 0.284% |
| 53 | 20.720 | 2948 | 2950 | 2955 | rVB4 | 2224  | 3443  | 0.63% | 0.076% |
| 54 | 20.808 | 2964 | 2965 | 2967 | rBV2 | 1174  | 1075  | 0.20% | 0.024% |
| 55 | 20.855 | 2968 | 2973 | 2976 | rVV2 | 16511 | 20423 | 3.74% | 0.450% |

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 56 | 20.961 | 2990 | 2991 | 2994 | rBV3 | 1371   | 1545   | 0.28%  | 0.034%  |
| 57 | 21.032 | 3001 | 3003 | 3005 | rBV2 | 1636   | 1166   | 0.21%  | 0.026%  |
| 58 | 21.314 | 3049 | 3051 | 3052 | rBV2 | 1349   | 1259   | 0.23%  | 0.028%  |
| 59 | 21.355 | 3054 | 3058 | 3070 | rVV2 | 68812  | 120453 | 22.07% | 2.653%  |
| 60 | 21.719 | 3113 | 3120 | 3130 | rBV  | 295067 | 500683 | 91.73% | 11.026% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 61 | 21.919 | 3149 | 3154 | 3164 | rVB  | 19761 | 33230 | 6.09% | 0.732% |
| 62 | 22.066 | 3177 | 3179 | 3182 | rVB2 | 1431  | 1274  | 0.23% | 0.028% |
| 63 | 22.536 | 3251 | 3259 | 3267 | rBV2 | 19229 | 39918 | 7.31% | 0.879% |
| 64 | 22.912 | 3321 | 3323 | 3327 | rVB5 | 2843  | 3775  | 0.69% | 0.083% |
| 65 | 23.047 | 3345 | 3346 | 3349 | rBV2 | 2231  | 2373  | 0.43% | 0.052% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 66 | 23.241 | 3373 | 3379 | 3387 | rVB3 | 16565 | 33048 | 6.05% | 0.728% |
| 67 | 23.435 | 3408 | 3412 | 3414 | rBV4 | 2024  | 2820  | 0.52% | 0.062% |
| 68 | 23.523 | 3425 | 3427 | 3428 | rVB2 | 1845  | 945   | 0.17% | 0.021% |
| 69 | 23.540 | 3428 | 3430 | 3431 | rBV2 | 1256  | 1133  | 0.21% | 0.025% |
| 70 | 23.899 | 3489 | 3491 | 3494 | rBV4 | 1343  | 1631  | 0.30% | 0.036% |

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 71 | 24.057 | 3511 | 3518 | 3526 | rBV3 | 17789  | 40644  | 7.45%   | 0.895%  |
| 72 | 24.751 | 3626 | 3636 | 3647 | rBV2 | 133974 | 382494 | 70.08%  | 8.424%  |
| 73 | 24.980 | 3663 | 3675 | 3693 | rBV  | 170494 | 545813 | 100.00% | 12.020% |
| 74 | 25.197 | 3710 | 3712 | 3714 | rVB2 | 2008   | 1286   | 0.24%   | 0.028%  |
| 75 | 25.397 | 3744 | 3746 | 3747 | rBV2 | 1495   | 905    | 0.17%   | 0.020%  |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 76 | 26.173 | 3871 | 3878 | 3889 | rVB4 | 13112 | 42057 | 7.71% | 0.926% |
|----|--------|------|------|------|------|-------|-------|-------|--------|

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|     |        |      |      |      |      |      |       |       |        |
|-----|--------|------|------|------|------|------|-------|-------|--------|
| 77  | 26.472 | 3927 | 3929 | 3931 | rBV2 | 1724 | 1895  | 0.35% | 0.042% |
| 78  | 27.218 | 4054 | 4056 | 4059 | rVB4 | 2043 | 1115  | 0.20% | 0.025% |
| 79  | 27.559 | 4106 | 4114 | 4116 | rBV5 | 9507 | 19663 | 3.60% | 0.433% |
| 80  | 27.777 | 4147 | 4151 | 4153 | rBV4 | 1478 | 2298  | 0.42% | 0.051% |
| 81  | 27.812 | 4155 | 4157 | 4159 | rVB2 | 1674 | 1001  | 0.18% | 0.022% |
| 82  | 27.835 | 4159 | 4161 | 4162 | rBV2 | 1213 | 913   | 0.17% | 0.020% |
| 83  | 28.082 | 4201 | 4203 | 4207 | rBV4 | 1596 | 1942  | 0.36% | 0.043% |
| 84  | 28.440 | 4262 | 4264 | 4267 | rBV4 | 1634 | 1824  | 0.33% | 0.040% |
| 85  | 28.470 | 4267 | 4269 | 4272 | rVB3 | 1744 | 1365  | 0.25% | 0.030% |
| 86  | 28.552 | 4281 | 4283 | 4286 | rVB3 | 1620 | 1343  | 0.25% | 0.030% |
| 87  | 28.846 | 4331 | 4333 | 4335 | rVB2 | 1790 | 1161  | 0.21% | 0.026% |
| 88  | 28.869 | 4335 | 4337 | 4340 | rBV3 | 1416 | 1245  | 0.23% | 0.027% |
| 89  | 28.911 | 4342 | 4344 | 4347 | rBV4 | 1237 | 1381  | 0.25% | 0.030% |
| 90  | 29.193 | 4390 | 4392 | 4393 | rBV2 | 1376 | 1099  | 0.20% | 0.024% |
| 91  | 29.234 | 4393 | 4399 | 4400 | rBV6 | 4910 | 7639  | 1.40% | 0.168% |
| 92  | 29.386 | 4423 | 4425 | 4428 | rBV3 | 1398 | 1196  | 0.22% | 0.026% |
| 93  | 29.527 | 4447 | 4449 | 4452 | rBV4 | 1804 | 1625  | 0.30% | 0.036% |
| 94  | 30.191 | 4561 | 4562 | 4565 | rBV2 | 1699 | 1333  | 0.24% | 0.029% |
| 95  | 30.397 | 4594 | 4597 | 4599 | rBV4 | 2493 | 2908  | 0.53% | 0.064% |
| 96  | 30.485 | 4610 | 4612 | 4613 | rBV2 | 1943 | 1543  | 0.28% | 0.034% |
| 97  | 31.654 | 4810 | 4811 | 4814 | rBV3 | 1528 | 1284  | 0.24% | 0.028% |
| 98  | 31.707 | 4819 | 4820 | 4823 | rBV3 | 1651 | 1366  | 0.25% | 0.030% |
| 99  | 32.224 | 4907 | 4908 | 4911 | rBV3 | 1711 | 1540  | 0.28% | 0.034% |
| 100 | 32.442 | 4943 | 4945 | 4947 | rBV3 | 1318 | 1032  | 0.19% | 0.023% |

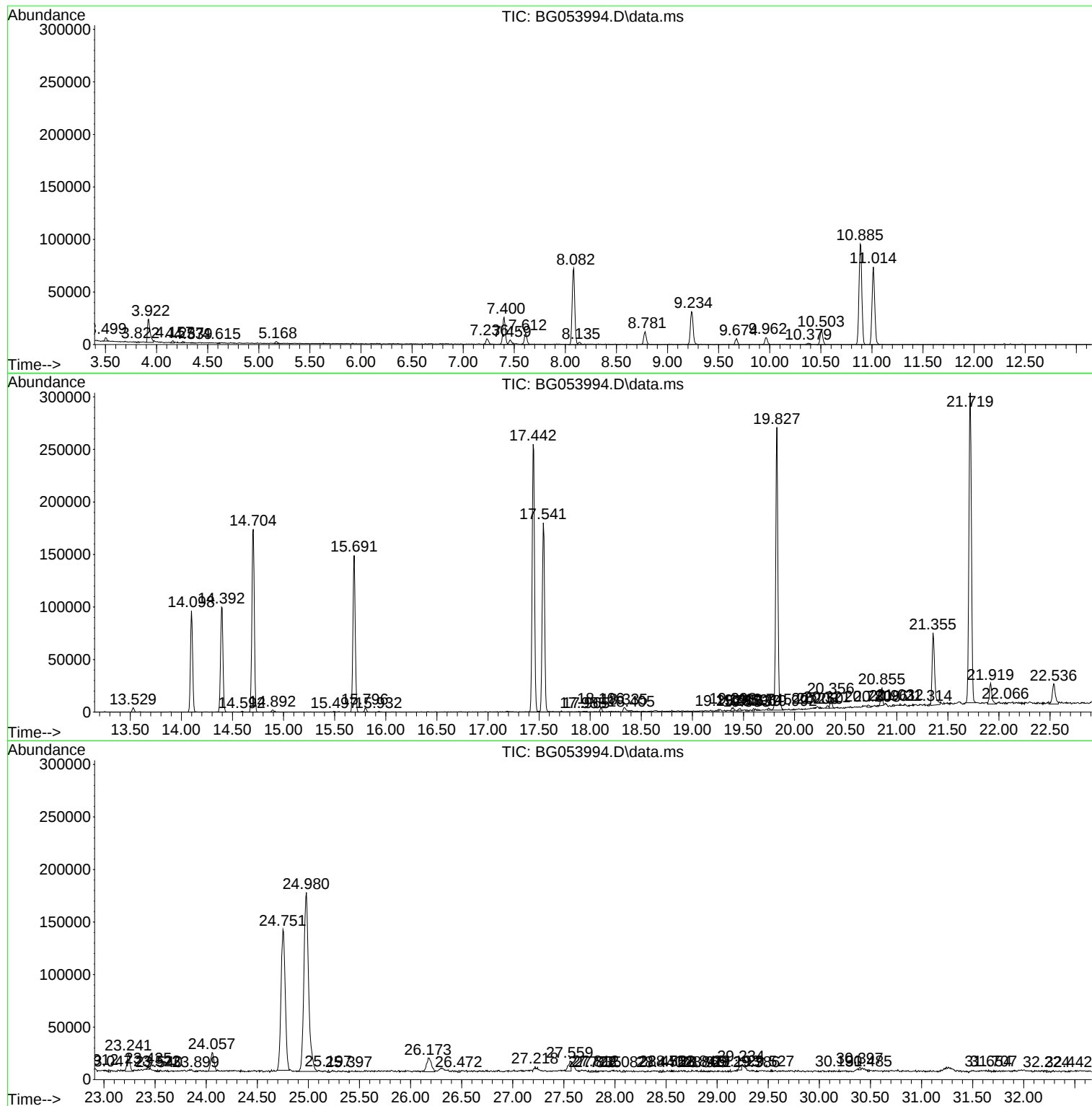
Sum of corrected areas: 4540734

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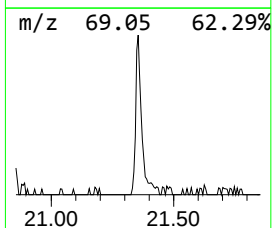
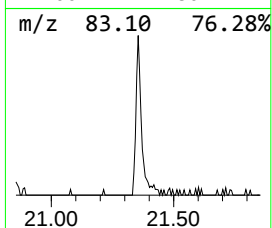
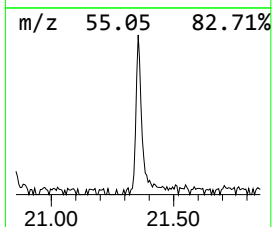
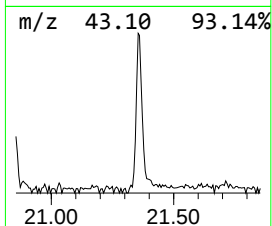
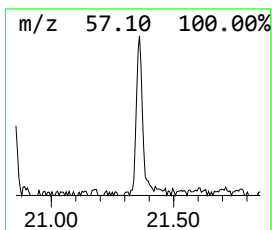
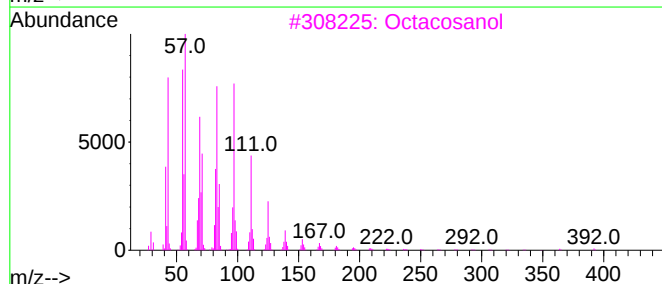
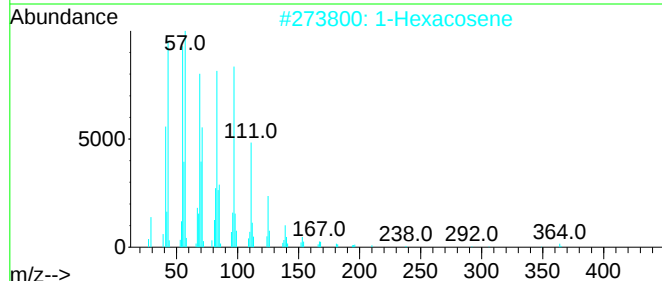
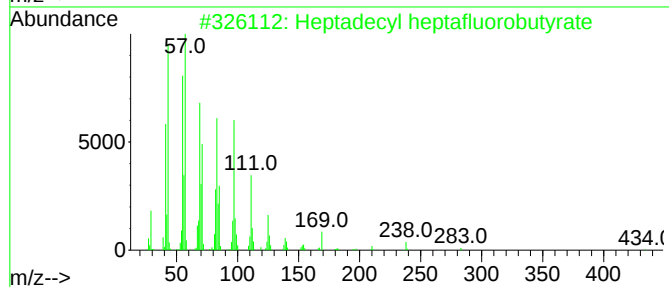
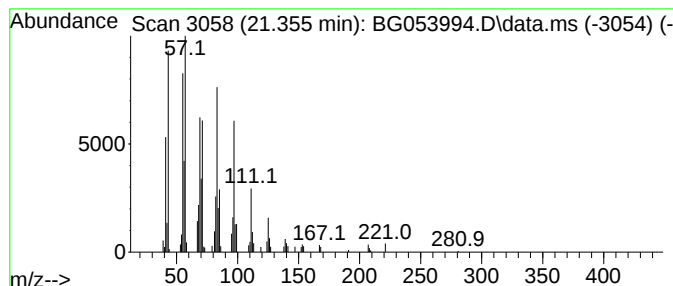
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TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Heptadecyl heptafluorobutyrate Concentration Rank 1

| R.T.      | EstConc                                    | Area   | Relative to ISTD | R.T.        |      |
|-----------|--------------------------------------------|--------|------------------|-------------|------|
| 21.355    | 4.81 ng/ul                                 | 120453 | Chrysene-d12     | 21.719      |      |
| Hit# of 5 | Tentative ID                               | MW     | MolForm          | CAS#        | Qual |
| 1         | Heptadecyl heptafluorobutyrate             | 452    | C21H35F7O2       | 959085-66-6 | 95   |
| 2         | 1-Hexacosene                               | 364    | C26H52           | 018835-33-1 | 94   |
| 3         | Octacosanol                                | 410    | C28H58O          | 000557-61-9 | 91   |
| 4         | Heptafluorobutyric acid, n-octadecyl ester | 466    | C22H37F7O2       | 000400-57-7 | 91   |
| 5         | Pentafluoropropionic acid, octadecyl ester | 416    | C21H37F5O2       | 959261-25-7 | 91   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Heptadecyl hept... | 21.355 | 4.8     | ng/u1 | 120453   | 5                     | 21.719 | 500683 | 20.0 |