

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062122\  
 Data File : BG054006.D  
 Acq On : 22 Jun 2022 11:22  
 Operator : CG/JU  
 Sample : N3358-17  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EW4T0

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: BG054006.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          | 24           | rBV4     | 3804           | 5881          | 0.57%           | 0.074%        |
| 2         | 3.917       | 87            | 90          | 98           | rBV      | 24067          | 42022         | 4.05%           | 0.532%        |
| 3         | 4.157       | 128           | 131         | 134          | rBV3     | 1662           | 2667          | 0.26%           | 0.034%        |
| 4         | 4.257       | 143           | 148         | 152          | rVB5     | 1070           | 1912          | 0.18%           | 0.024%        |
| 5         | 5.174       | 298           | 304         | 307          | rBV3     | 2509           | 4271          | 0.41%           | 0.054%        |
| 6         | 7.236       | 649           | 655         | 664          | rVB2     | 25471          | 45027         | 4.34%           | 0.570%        |
| 7         | 7.401       | 674           | 683         | 692          | rBV      | 70428          | 125697        | 12.12%          | 1.590%        |
| 8         | 7.612       | 712           | 719         | 732          | rBV      | 77652          | 137894        | 13.30%          | 1.744%        |
| 9         | 8.076       | 792           | 798         | 806          | rVB      | 65439          | 114359        | 11.03%          | 1.446%        |
| 10        | 8.781       | 911           | 918         | 927          | rBV      | 69216          | 124177        | 11.97%          | 1.571%        |
| 11        | 9.240       | 987           | 996         | 1004         | rBV      | 95114          | 174190        | 16.80%          | 2.203%        |
| 12        | 9.962       | 1112          | 1119        | 1126         | rVB      | 78175          | 142166        | 13.71%          | 1.798%        |
| 13        | 10.503      | 1204          | 1211        | 1222         | rBB      | 116170         | 221533        | 21.36%          | 2.802%        |
| 14        | 10.891      | 1269          | 1277        | 1287         | rBB      | 89419          | 168557        | 16.25%          | 2.132%        |
| 15        | 11.014      | 1291          | 1298        | 1307         | rBV      | 87902          | 165192        | 15.93%          | 2.089%        |
| 16        | 12.213      | 1498          | 1502        | 1507         | rBB      | 3757           | 5602          | 0.54%           | 0.071%        |
| 17        | 12.395      | 1526          | 1533        | 1541         | rBB2     | 39422          | 65826         | 6.35%           | 0.833%        |
| 18        | 12.465      | 1541          | 1545        | 1550         | rBB2     | 1763           | 3147          | 0.30%           | 0.040%        |
| 19        | 14.099      | 1817          | 1823        | 1831         | rBV      | 268405         | 411061        | 39.64%          | 5.199%        |
| 20        | 14.398      | 1866          | 1874        | 1881         | rBV      | 278914         | 462004        | 44.55%          | 5.844%        |
| 21        | 14.704      | 1919          | 1926        | 1933         | rBB      | 164332         | 266562        | 25.70%          | 3.372%        |
| 22        | 14.886      | 1952          | 1957        | 1964         | rBV2     | 26014          | 43207         | 4.17%           | 0.546%        |
| 23        | 15.691      | 2087          | 2094        | 2102         | rBV      | 420489         | 655854        | 63.24%          | 8.295%        |
| 24        | 15.803      | 2107          | 2113        | 2123         | rBV      | 128722         | 195384        | 18.84%          | 2.471%        |
| 25        | 15.932      | 2131          | 2135        | 2139         | rBB      | 3635           | 4956          | 0.48%           | 0.063%        |
| 26        | 16.478      | 2224          | 2228        | 2230         | rBB2     | 1423           | 1520          | 0.15%           | 0.019%        |
| 27        | 17.442      | 2386          | 2392        | 2402         | rBV      | 230603         | 371208        | 35.79%          | 4.695%        |
| 28        | 17.542      | 2402          | 2409        | 2424         | rVV      | 483171         | 780549        | 75.27%          | 9.873%        |
| 29        | 18.106      | 2503          | 2505        | 2512         | rBV      | 1661           | 1674          | 0.16%           | 0.021%        |
| 30        | 18.329      | 2539          | 2543        | 2552         | rBV3     | 13070          | 23586         | 2.27%           | 0.298%        |
| 31        | 19.392      | 2719          | 2724        | 2730         | rVB2     | 7592           | 10881         | 1.05%           | 0.138%        |
| 32        | 19.463      | 2730          | 2736        | 2740         | rBV2     | 7214           | 10744         | 1.04%           | 0.136%        |
| 33        | 19.604      | 2755          | 2760        | 2766         | rBV3     | 4772           | 8419          | 0.81%           | 0.106%        |
| 34        | 19.827      | 2791          | 2798        | 2809         | rBV      | 662190         | 997528        | 96.19%          | 12.617%       |
| 35        | 20.033      | 2828          | 2833        | 2834         | rBV2     | 878            | 1220          | 0.12%           | 0.015%        |
| 36        | 20.145      | 2850          | 2852        | 2855         | rBV3     | 1390           | 1735          | 0.17%           | 0.022%        |

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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 Title : SVOA CALIBRATION

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 20.180 | 2857 | 2858 | 2861 | rVB3 | 1501   | 1397    | 0.13%   | 0.018%  |
| 38 | 20.215 | 2861 | 2864 | 2865 | rBV3 | 1965   | 2233    | 0.22%   | 0.028%  |
| 39 | 20.315 | 2879 | 2881 | 2882 | rBV2 | 1630   | 1284    | 0.12%   | 0.016%  |
| 40 | 20.609 | 2930 | 2931 | 2933 | rBV2 | 1699   | 1280    | 0.12%   | 0.016%  |
| 41 | 20.644 | 2935 | 2937 | 2940 | rVV3 | 1009   | 1178    | 0.11%   | 0.015%  |
| 42 | 21.061 | 3006 | 3008 | 3010 | rVB3 | 1561   | 1203    | 0.12%   | 0.015%  |
| 43 | 21.085 | 3010 | 3012 | 3013 | rBV2 | 1888   | 1056    | 0.10%   | 0.013%  |
| 44 | 21.267 | 3042 | 3043 | 3046 | rBV3 | 1206   | 1470    | 0.14%   | 0.019%  |
| 45 | 21.361 | 3053 | 3059 | 3065 | rBV  | 29677  | 51061   | 4.92%   | 0.646%  |
| 46 | 21.602 | 3097 | 3100 | 3104 | rVV5 | 4473   | 6007    | 0.58%   | 0.076%  |
| 47 | 21.719 | 3113 | 3120 | 3127 | rBV  | 274372 | 468385  | 45.17%  | 5.924%  |
| 48 | 21.884 | 3145 | 3148 | 3150 | rBV3 | 2296   | 2620    | 0.25%   | 0.033%  |
| 49 | 22.501 | 3248 | 3253 | 3254 | rBV4 | 1910   | 2514    | 0.24%   | 0.032%  |
| 50 | 22.930 | 3325 | 3326 | 3329 | rVB3 | 2546   | 1724    | 0.17%   | 0.022%  |
| 51 | 23.106 | 3354 | 3356 | 3358 | rBV3 | 1438   | 1246    | 0.12%   | 0.016%  |
| 52 | 23.235 | 3376 | 3378 | 3386 | rVB7 | 3472   | 7021    | 0.68%   | 0.089%  |
| 53 | 23.370 | 3400 | 3401 | 3404 | rBV3 | 1609   | 1467    | 0.14%   | 0.019%  |
| 54 | 23.570 | 3433 | 3435 | 3437 | rVB3 | 2235   | 1078    | 0.10%   | 0.014%  |
| 55 | 24.063 | 3515 | 3519 | 3521 | rBV5 | 5044   | 7616    | 0.73%   | 0.096%  |
| 56 | 24.757 | 3624 | 3637 | 3650 | rBV2 | 347967 | 1037046 | 100.00% | 13.117% |
| 57 | 24.857 | 3652 | 3654 | 3658 | rVB5 | 1952   | 1982    | 0.19%   | 0.025%  |
| 58 | 24.980 | 3664 | 3675 | 3690 | rVB2 | 159396 | 473352  | 45.64%  | 5.987%  |
| 59 | 26.185 | 3877 | 3880 | 3887 | rVB8 | 5233   | 9307    | 0.90%   | 0.118%  |
| 60 | 26.296 | 3896 | 3899 | 3900 | rBV2 | 2923   | 3200    | 0.31%   | 0.040%  |
| 61 | 26.396 | 3914 | 3916 | 3918 | rBV3 | 1514   | 1334    | 0.13%   | 0.017%  |
| 62 | 26.549 | 3940 | 3942 | 3945 | rBV4 | 1335   | 1361    | 0.13%   | 0.017%  |
| 63 | 26.807 | 3984 | 3986 | 3988 | rVB3 | 2598   | 1846    | 0.18%   | 0.023%  |
| 64 | 27.512 | 4104 | 4106 | 4107 | rBV2 | 1611   | 1433    | 0.14%   | 0.018%  |
| 65 | 27.548 | 4110 | 4112 | 4113 | rBV2 | 2280   | 2058    | 0.20%   | 0.026%  |
| 66 | 28.141 | 4211 | 4213 | 4218 | rVB5 | 1871   | 2127    | 0.21%   | 0.027%  |
| 67 | 28.382 | 4251 | 4254 | 4257 | rVB3 | 1578   | 1671    | 0.16%   | 0.021%  |
| 68 | 28.517 | 4273 | 4277 | 4278 | rBV3 | 1615   | 1665    | 0.16%   | 0.021%  |
| 69 | 29.346 | 4416 | 4418 | 4419 | rBV  | 1716   | 1261    | 0.12%   | 0.016%  |
| 70 | 30.444 | 4601 | 4605 | 4607 | rBV4 | 1781   | 1933    | 0.19%   | 0.024%  |
| 71 | 30.562 | 4623 | 4625 | 4628 | rBV4 | 1590   | 1310    | 0.13%   | 0.017%  |
| 72 | 31.220 | 4735 | 4737 | 4738 | rBV2 | 1940   | 1582    | 0.15%   | 0.020%  |
| 73 | 32.377 | 4931 | 4934 | 4935 | rBV3 | 1934   | 1675    | 0.16%   | 0.021%  |

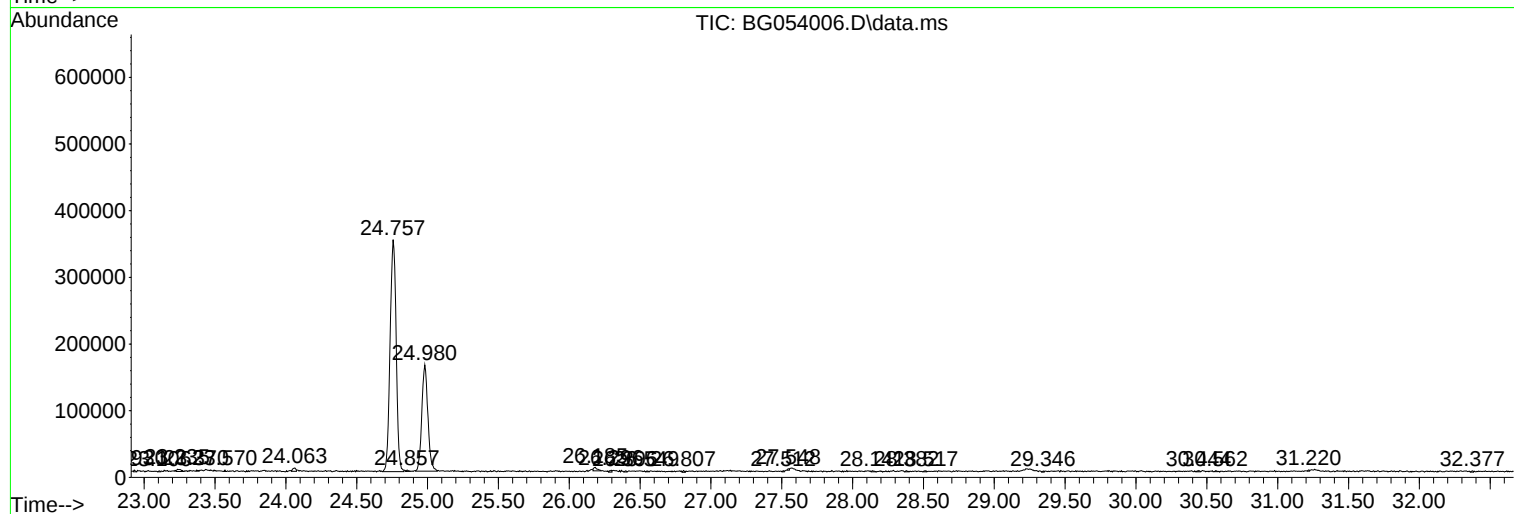
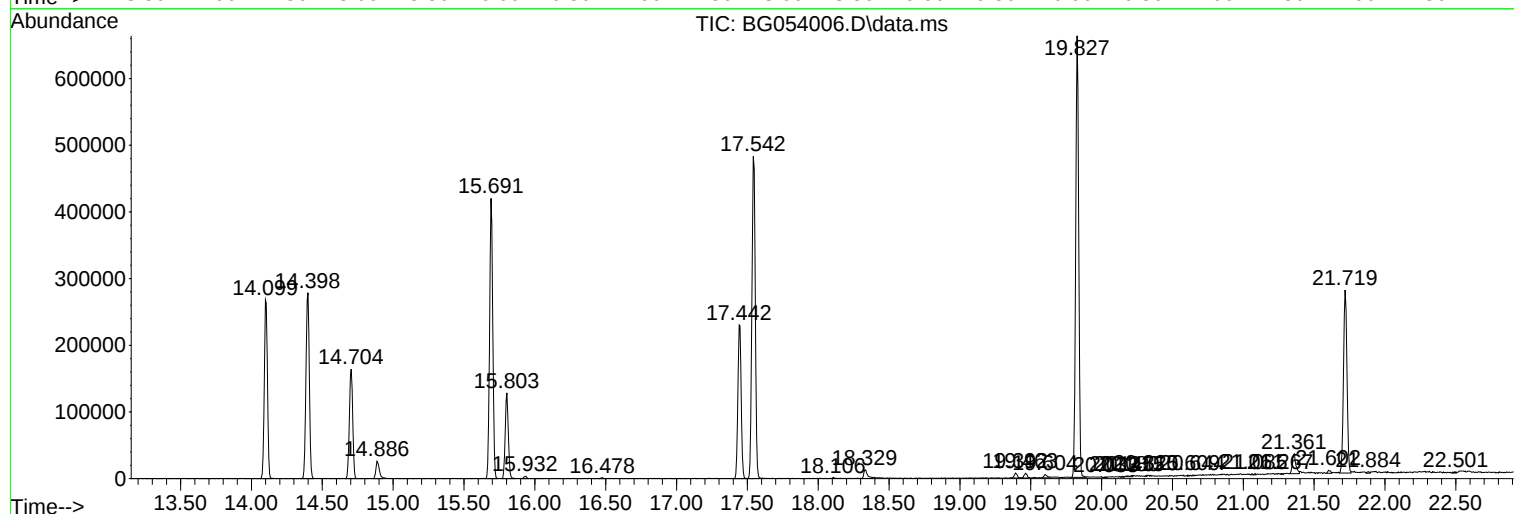
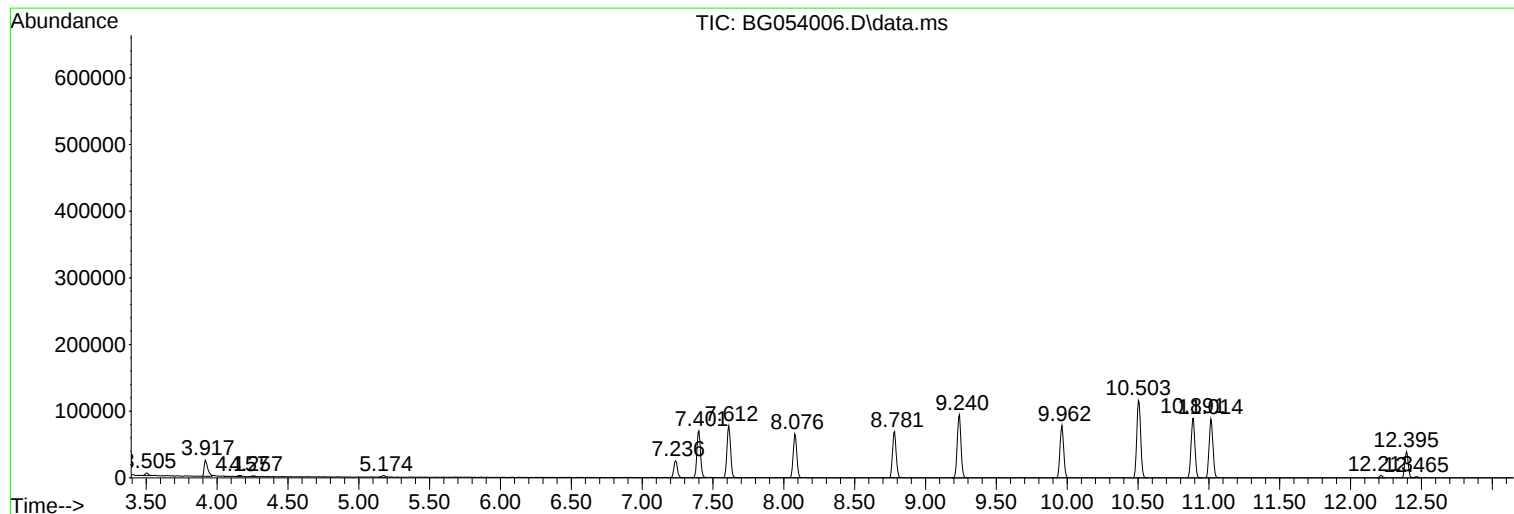
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Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
BNA\_G  
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EW4T0

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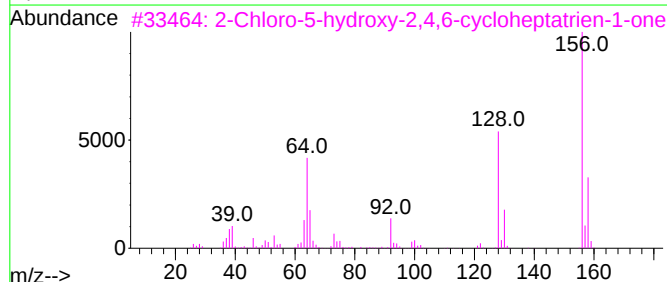
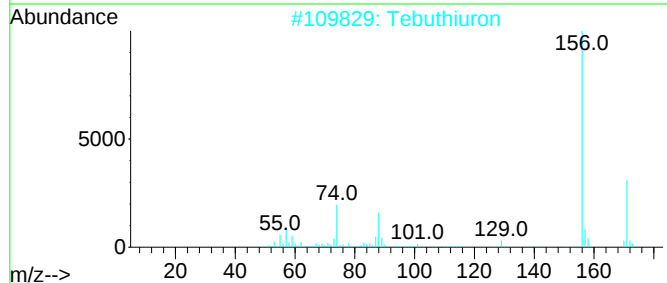
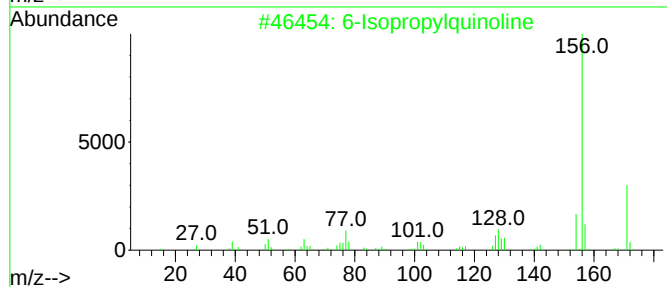
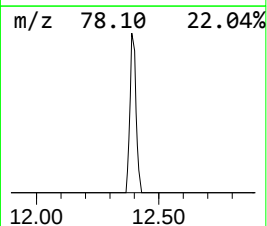
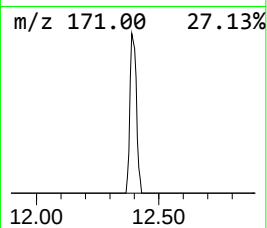
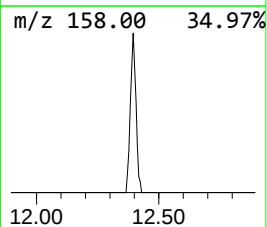
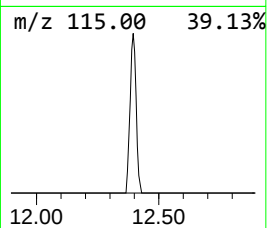
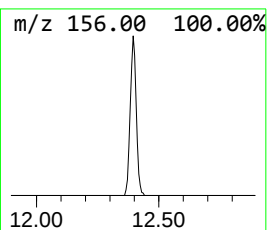
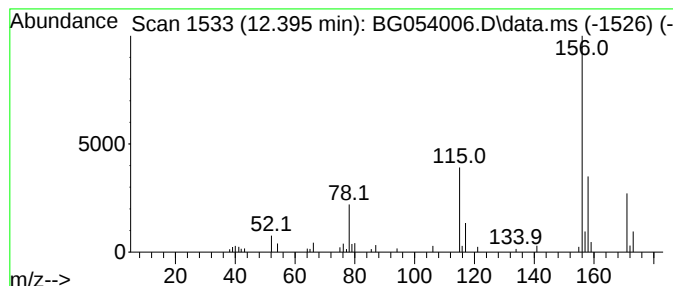
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG062022.M  
Quant Title : SVOA CALIBRATION

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

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Peak Number 1 unknown-01 Concentration Rank 1

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 12.395 | 7.81 ng/ul | 65826 | Naphthalene-d8   | 10.891 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | 6-Isopropylquinoline                | 171 | C12H13N   | 000135-79-5 | 38   |
| 2    |    |   | Tebuthiuron                         | 228 | C9H16N4OS | 034014-18-1 | 37   |
| 3    |    |   | 2-Chloro-5-hydroxy-2,4,6-cyclohe... | 156 | C7H5ClO2  | 007009-16-7 | 32   |
| 4    |    |   | Chloroxylenol                       | 156 | C8H9ClO   | 000088-04-0 | 32   |
| 5    |    |   | 2,2'-Bipyridine                     | 156 | C10H8N2   | 000366-18-7 | 25   |



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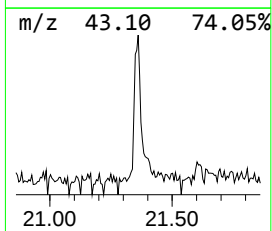
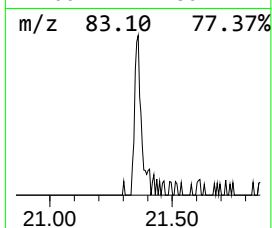
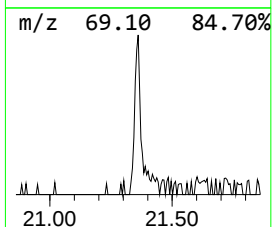
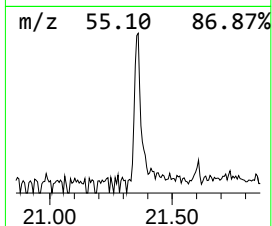
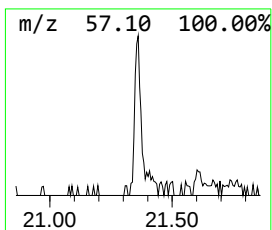
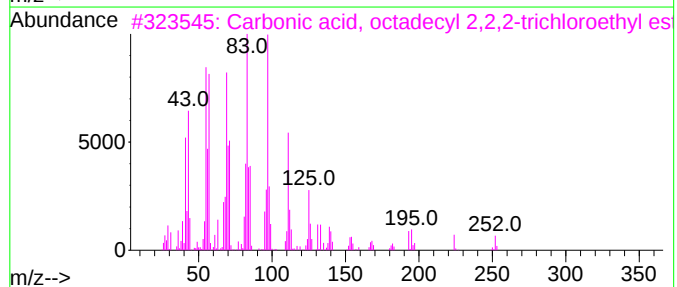
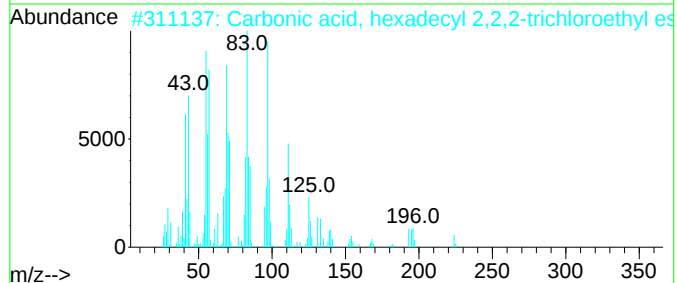
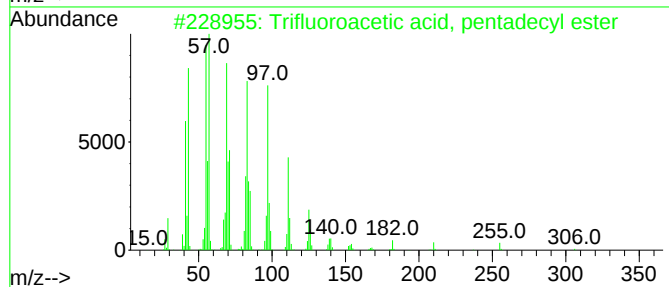
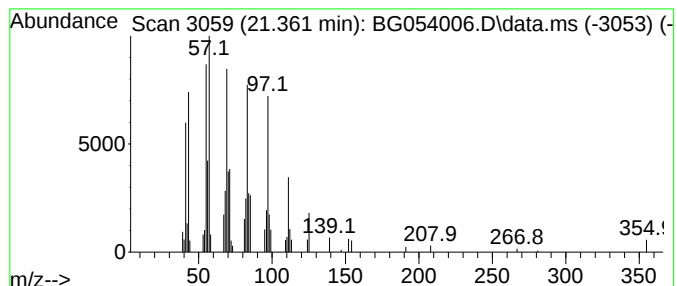
TIC Library : C:\DATABASE\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Trifluoroacetic acid, penta... Concentration Rank 2

| R.T.   | EstConc    | Area  | Relative to ISTD | R.T.   |
|--------|------------|-------|------------------|--------|
| 21.361 | 2.18 ng/ul | 51061 | Chrysene-d12     | 21.719 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2  | 959010-23-2  | 94   |
| 2    |    |   | Carbonic acid, hexadecyl 2,2,2-t... | 416 | C19H35Cl3O3 | 1000314-56-2 | 93   |
| 3    |    |   | Carbonic acid, octadecyl 2,2,2-t... | 444 | C21H39Cl3O3 | 1000314-56-3 | 92   |
| 4    |    |   | 3-Eicosene, (E)-                    | 280 | C20H40      | 074685-33-9  | 91   |
| 5    |    |   | Trifluoroacetoxy hexadecane         | 338 | C18H33F3O2  | 006222-03-3  | 91   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| unknown-01         | 12.395 | 7.8     | ng/ul | 65826    | 2                     | 10.891 | 168557 | 20.0 |
| Trifluoroacetic... | 21.361 | 2.2     | ng/ul | 51061    | 5                     | 21.719 | 468385 | 20.0 |