

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM052620\  
 Data File : BM026129.D  
 Acq On : 27 May 2020 00:56  
 Operator : MA/SJ  
 Sample : L2756-03  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 ETKW7

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0.1 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM051320MA.M  
 Title : SVOA CALIBRATION

Signal : TIC

| 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         | 3.063       | 26            | 30          | 37           | rBV      | 44507          | 63057         | 0.23%           | 0.070%        |
| 2         | 6.681       | 638           | 645         | 655          | rBV      | 176818         | 286831        | 1.03%           | 0.318%        |
| 3         | 6.834       | 664           | 671         | 687          | rBV      | 586881         | 918580        | 3.30%           | 1.018%        |
| 4         | 7.028       | 697           | 704         | 712          | rBV      | 636693         | 979522        | 3.52%           | 1.085%        |
| 5         | 7.487       | 774           | 782         | 789          | rBV      | 665603         | 1016920       | 3.66%           | 1.127%        |
| 6         | 8.204       | 897           | 904         | 912          | rBV      | 475439         | 743643        | 2.67%           | 0.824%        |
| 7         | 8.628       | 968           | 976         | 988          | rBV      | 735202         | 1166819       | 4.19%           | 1.293%        |
| 8         | 9.345       | 1090          | 1098        | 1114         | rBV      | 594180         | 940974        | 3.38%           | 1.042%        |
| 9         | 9.881       | 1182          | 1189        | 1201         | rBV      | 822298         | 1335202       | 4.80%           | 1.479%        |
| 10        | 10.245      | 1244          | 1251        | 1257         | rBV      | 882857         | 1419291       | 5.10%           | 1.572%        |
| 11        | 10.298      | 1257          | 1260        | 1267         | rVB      | 67209          | 101487        | 0.36%           | 0.112%        |
| 12        | 10.398      | 1271          | 1277        | 1289         | rVV      | 78990          | 154348        | 0.55%           | 0.171%        |
| 13        | 12.980      | 1709          | 1716        | 1721         | rBV      | 19833          | 29747         | 0.11%           | 0.033%        |
| 14        | 13.557      | 1807          | 1814        | 1818         | rBV      | 1431683        | 1979976       | 7.12%           | 2.194%        |
| 15        | 13.598      | 1818          | 1821        | 1830         | rVB      | 135594         | 195540        | 0.70%           | 0.217%        |
| 16        | 13.816      | 1851          | 1858        | 1871         | rBV      | 1699092        | 2478702       | 8.91%           | 2.746%        |
| 17        | 14.127      | 1905          | 1911        | 1919         | rBV      | 1240412        | 1746946       | 6.28%           | 1.935%        |
| 18        | 14.357      | 1944          | 1950        | 1966         | rBV      | 117528         | 239626        | 0.86%           | 0.265%        |
| 19        | 15.133      | 2075          | 2082        | 2089         | rBV      | 2180813        | 3081218       | 11.07%          | 3.414%        |
| 20        | 15.263      | 2095          | 2104        | 2114         | rBV      | 784038         | 1086278       | 3.90%           | 1.203%        |
| 21        | 15.374      | 2118          | 2123        | 2127         | rVB2     | 24611          | 36645         | 0.13%           | 0.041%        |
| 22        | 16.880      | 2373          | 2379        | 2385         | rBV      | 1563038        | 2043920       | 7.35%           | 2.264%        |
| 23        | 16.980      | 2389          | 2396        | 2407         | rBV      | 2641748        | 3688871       | 13.26%          | 4.087%        |
| 24        | 17.810      | 2533          | 2537        | 2545         | rBV6     | 20106          | 39434         | 0.14%           | 0.044%        |
| 25        | 18.915      | 2721          | 2725        | 2729         | rBV      | 31312          | 40852         | 0.15%           | 0.045%        |
| 26        | 19.168      | 2764          | 2768        | 2771         | rVB      | 26782          | 33570         | 0.12%           | 0.037%        |
| 27        | 19.280      | 2781          | 2787        | 2795         | rBV      | 3477984        | 4327693       | 15.55%          | 4.795%        |
| 28        | 20.821      | 3045          | 3049        | 3056         | rBV      | 270709         | 358287        | 1.29%           | 0.397%        |
| 29        | 21.074      | 3087          | 3092        | 3098         | rBV      | 2005076        | 2790576       | 10.03%          | 3.092%        |
| 30        | 21.962      | 3211          | 3243        | 3245         | rBV2     | 4070079        | 22853457      | 82.14%          | 25.319%       |
| 31        | 22.050      | 3251          | 3258        | 3283         | rVB      | 6665304        | 27822286      | 100.00%         | 30.824%       |
| 32        | 23.062      | 3424          | 3430        | 3437         | rVB      | 2337675        | 3761444       | 13.52%          | 4.167%        |
| 33        | 23.192      | 3447          | 3452        | 3464         | rVB      | 1457167        | 2499931       | 8.99%           | 2.770%        |

## LSC Area Percent Report

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Peak separation: 5

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Title : SVOA CALIBRATION

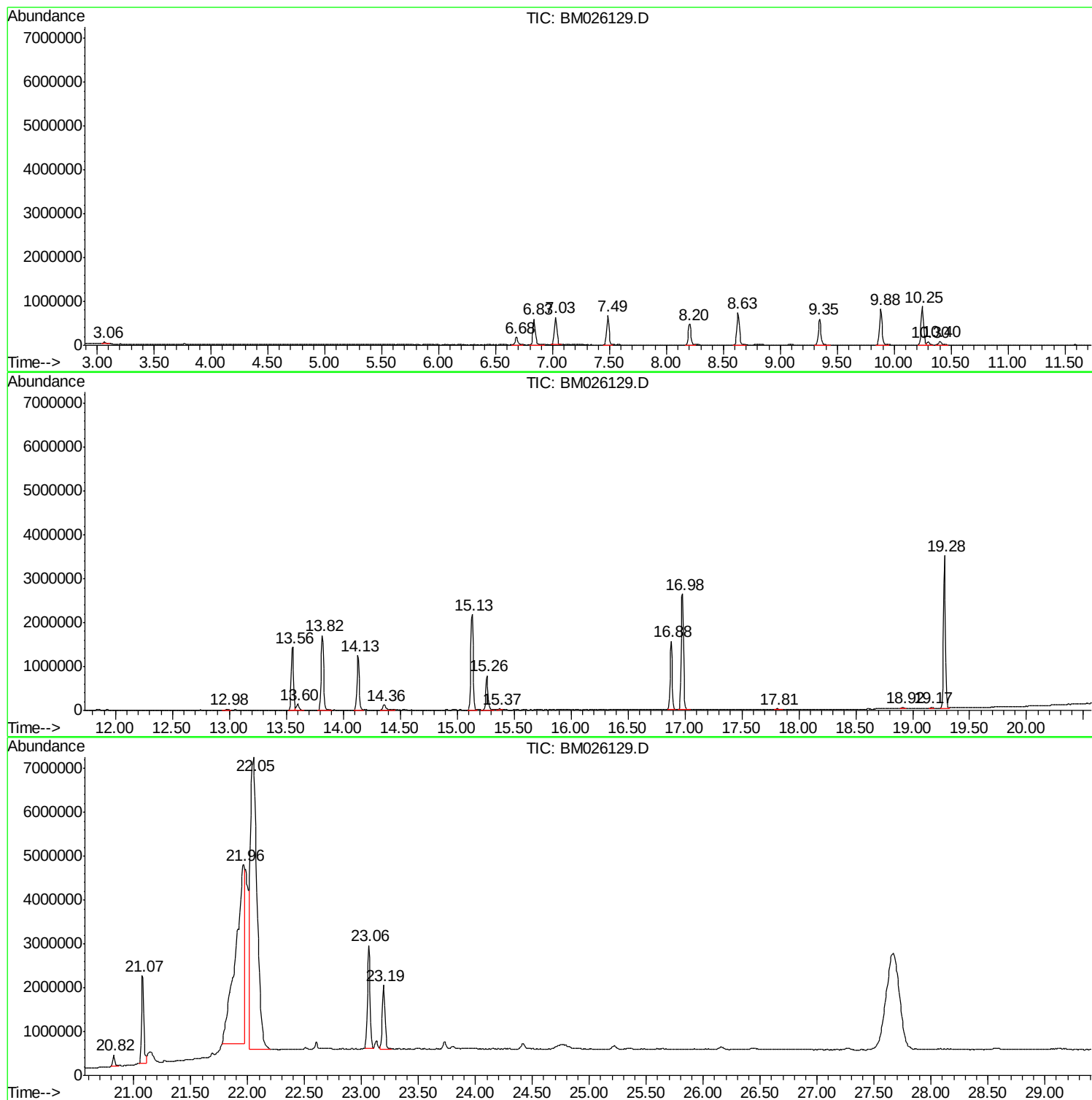
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM051320MA.M  
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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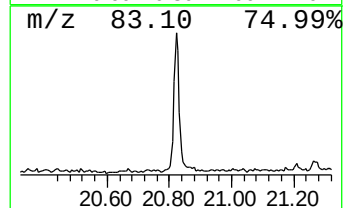
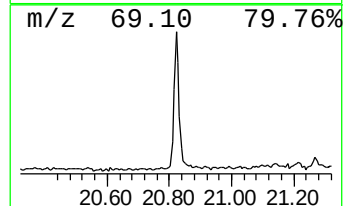
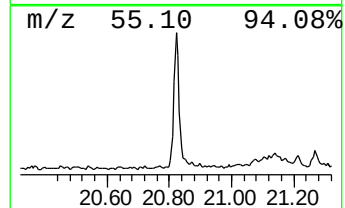
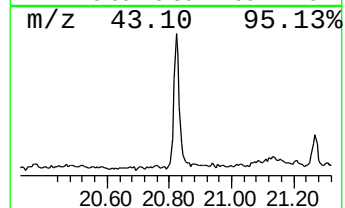
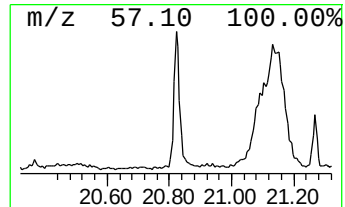
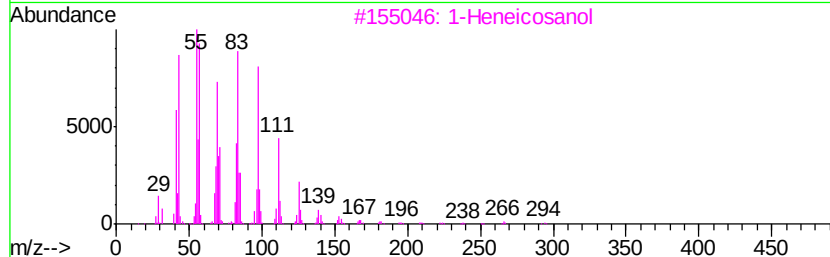
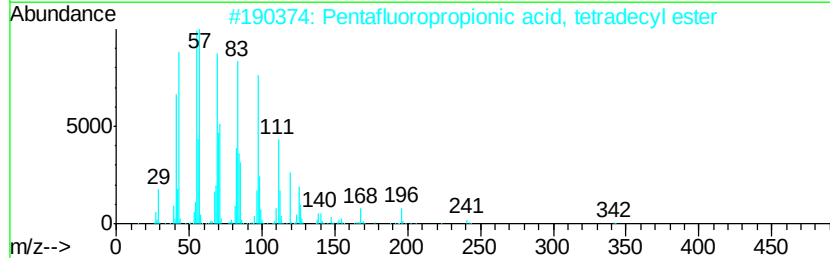
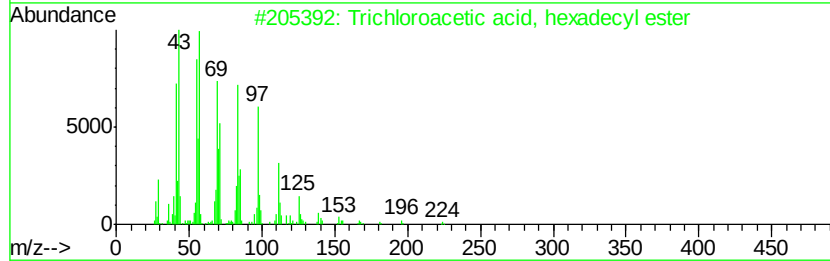
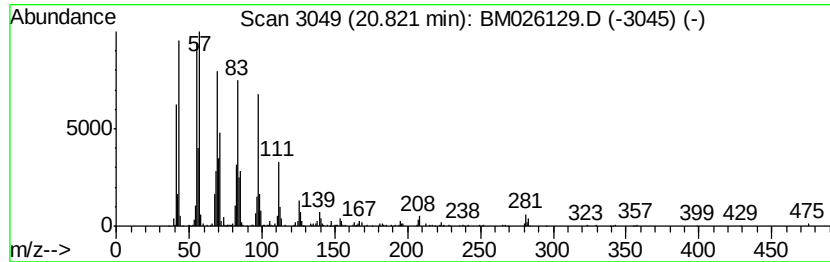
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Trichloroacetic acid, hexad... Concentration Rank 3

| R.T.    | EstConc    | Area                                | Relative to ISTD |             | R.T.         |      |
|---------|------------|-------------------------------------|------------------|-------------|--------------|------|
| 20.82   | 2.57 ng/ul | 358287                              | Chrysene-d12     |             | 21.07        |      |
| Hit# of | 5          | Tentative ID                        | MW               | MolForm     | CAS#         | Qual |
| 1       |            | Trichloroacetic acid, hexadecyl ... | 386              | C18H33Cl3O2 | 074339-54-1  | 94   |
| 2       |            | Pentafluoropropionic acid, tetra... | 360              | C17H29F5O2  | 006222-06-6  | 94   |
| 3       |            | 1-Heneicosanol                      | 312              | C21H44O     | 015594-90-8  | 94   |
| 4       |            | Heptadecafluorononanoic acid, tr... | 646              | C22H27F17O2 | 1000356-02-9 | 94   |
| 5       |            | Bromoacetic acid, octadecyl ester   | 390              | C20H39BrO2  | 018992-03-5  | 94   |



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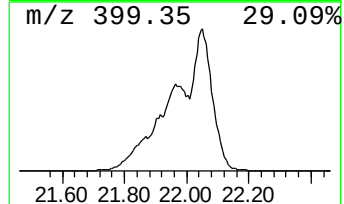
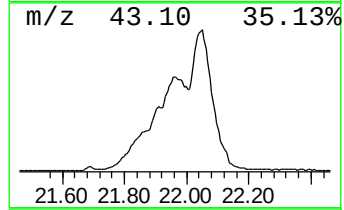
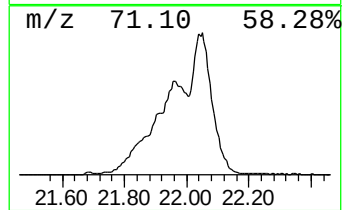
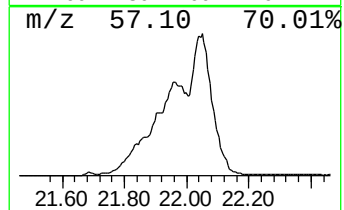
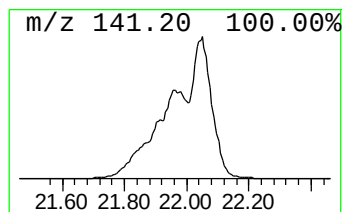
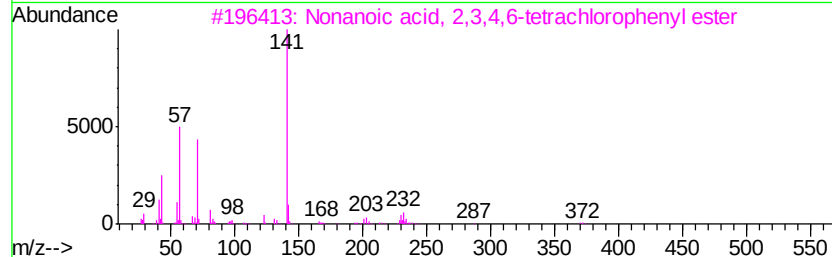
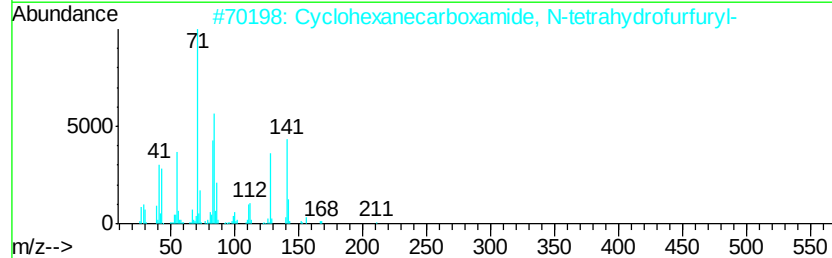
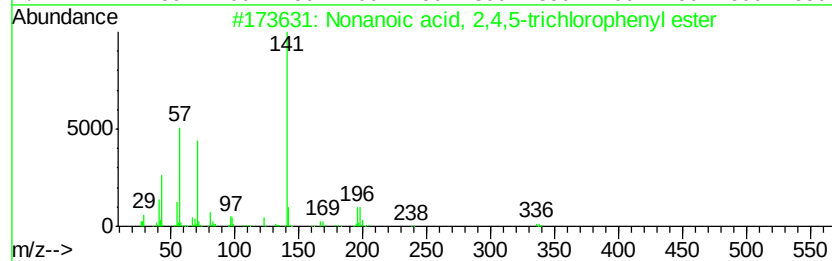
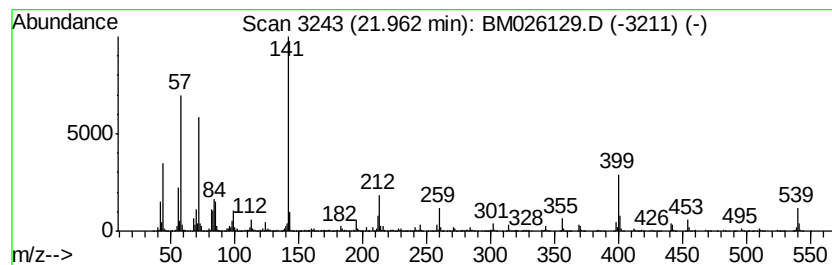
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Nonanoic acid, 2,4,5-trichl... Concentration Rank 2

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.         |      |      |
|---------|-------------------------------------|--------------|------------------|--------------|------|------|
| 21.96   | 163.79 ng/ul                        | 22853500     | Chrysene-d12     | 21.07        |      |      |
| Hit# of | 5                                   | Tentative ID | MW               | MolForm      | CAS# | Qual |
| 1       | Nonanoic acid, 2,4,5-trichloroph... | 336          | C15H19Cl3O2      | 1000360-67-3 | 50   |      |
| 2       | Cyclohexanecarboxamide, N-tetra...  | 211          | C12H21N02        | 1000306-94-4 | 50   |      |
| 3       | Nonanoic acid, 2,3,4,6-tetrachlo... | 370          | C15H18Cl4O2      | 1000360-67-4 | 40   |      |
| 4       | Nonanoic acid, 3,5-difluophenyl ... | 270          | C15H20F2O2       | 1000358-02-3 | 40   |      |
| 5       | .beta.-Alanine, N-(2,6-difluorob... | 313          | C16H21F2N03      | 1000321-84-3 | 38   |      |



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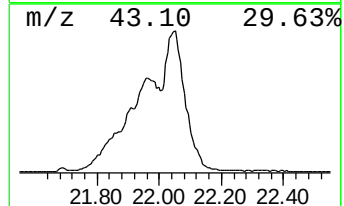
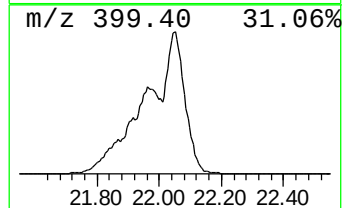
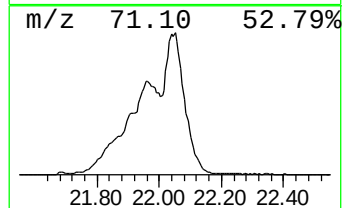
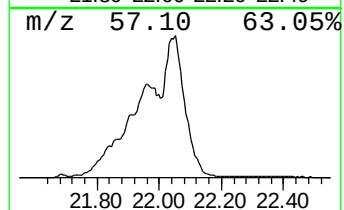
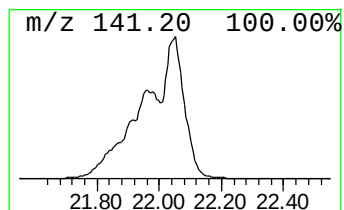
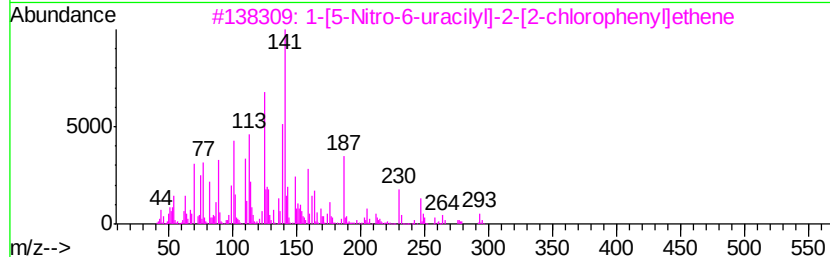
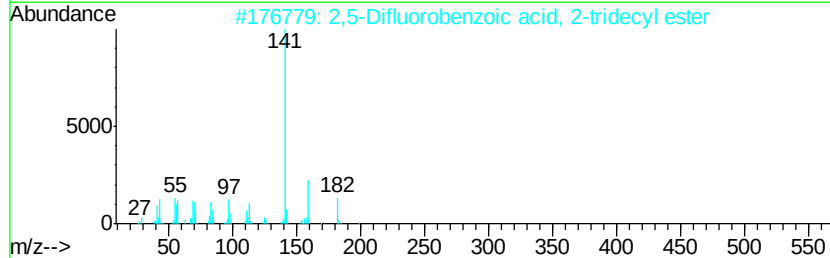
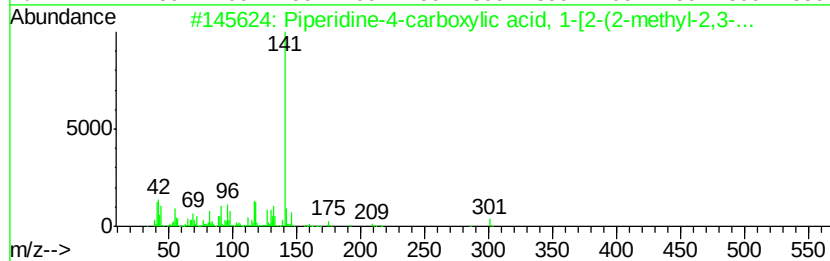
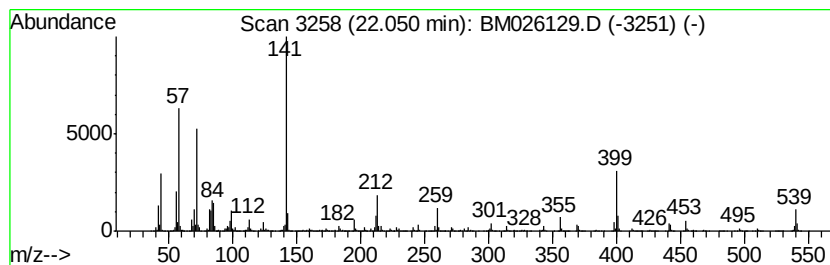
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\*\*\*\*\*  
Peak Number 3 unknown-01 Concentration Rank 1

| R.T.    | EstConc      | Area                                | Relative to ISTD | R.T.        |              |      |
|---------|--------------|-------------------------------------|------------------|-------------|--------------|------|
| 22.05   | 199.40 ng/ul | 27822300                            | Chrysene-d12     | 21.07       |              |      |
| Hit# of | 5            | Tentative ID                        | MW               | MolForm     | CAS#         | Qual |
| 1       |              | Piperidine-4-carboxylic acid, 1-... | 301              | C17H23N3O2  | 1000316-06-4 | 43   |
| 2       |              | 2,5-Difluorobenzoic acid, 2-trid... | 340              | C20H30F2O2  | 1000338-47-3 | 43   |
| 3       |              | 1-[5-Nitro-6-uracilyl]-2-[2-chlo... | 293              | C12H8ClN3O4 | 296798-53-3  | 43   |
| 4       |              | 1,5-Pentanediol, 0,0'-di(2,4-dif... | 384              | C19H16F4O4  | 1000331-58-4 | 43   |
| 5       |              | Fumaric acid, propyl 2,3,4,6-tet... | 370              | C13H10Cl4O4 | 1000348-19-3 | 43   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Trichloroacetic a... | 20.82 | 2.6     | ng/ul | 358287   | 5                     | 21.07 | 2790580 | 20.0 |
| Nonanoic acid, 2,... | 21.96 | 163.8   | ng/ul | 22853500 | 5                     | 21.07 | 2790580 | 20.0 |
| unknown-01           | 22.05 | 199.4   | ng/ul | 27822300 | 5                     | 21.07 | 2790580 | 20.0 |