

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF113017\  
 Data File : BF101045.D  
 Acq On : 1 Dec 2017 3:47  
 Operator : SJ/JU  
 Sample : I6618-02  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ENV-106-4(5-10)

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON Filtering: 5  
 Sampling : 1 Min Area: 3 % 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:\HPCHEM1\BNA\_F\METHODS\8270-BF113017.M  
 Title : ASP BNA STANDARDS FOR 5 POINT 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         | 5.081       | 505           | 509         | 515          | rBV      | 50389          | 61383         | 5.54%           | 0.688%        |
| 2         | 5.475       | 572           | 576         | 580          | rBV      | 1016798        | 954932        | 86.20%          | 10.705%       |
| 3         | 6.487       | 743           | 748         | 759          | rBV      | 1042316        | 1017858       | 91.88%          | 11.410%       |
| 4         | 6.622       | 767           | 771         | 775          | rBV      | 1092547        | 1026860       | 92.69%          | 11.511%       |
| 5         | 6.851       | 807           | 810         | 814          | rBV      | 383022         | 305465        | 27.57%          | 3.424%        |
| 6         | 7.010       | 833           | 837         | 840          | rBV      | 980176         | 794483        | 71.72%          | 8.906%        |
| 7         | 7.416       | 902           | 906         | 909          | rBV      | 650631         | 602419        | 54.38%          | 6.753%        |
| 8         | 8.134       | 1024          | 1028        | 1032         | rBV      | 488404         | 392026        | 35.39%          | 4.395%        |
| 9         | 9.210       | 1207          | 1211        | 1214         | rBV      | 1390283        | 1107816       | 100.00%         | 12.419%       |
| 10        | 9.604       | 1274          | 1278        | 1281         | rBV      | 40030          | 36376         | 3.28%           | 0.408%        |
| 11        | 9.892       | 1323          | 1327        | 1334         | rBB      | 460861         | 381005        | 34.39%          | 4.271%        |
| 12        | 10.680      | 1457          | 1461        | 1466         | rBV      | 600697         | 494772        | 44.66%          | 5.546%        |
| 13        | 11.380      | 1576          | 1580        | 1583         | rBV      | 376097         | 305861        | 27.61%          | 3.429%        |
| 14        | 12.774      | 1814          | 1817        | 1820         | rBV      | 20457          | 14740         | 1.33%           | 0.165%        |
| 15        | 12.963      | 1845          | 1849        | 1852         | rBV      | 883908         | 730836        | 65.97%          | 8.193%        |
| 16        | 13.845      | 1996          | 1999        | 2008         | rBV      | 73053          | 85455         | 7.71%           | 0.958%        |
| 17        | 14.021      | 2026          | 2029        | 2033         | rBV      | 373999         | 303938        | 27.44%          | 3.407%        |
| 18        | 14.474      | 2100          | 2106        | 2114         | rBV5     | 9368           | 19586         | 1.77%           | 0.220%        |
| 19        | 14.774      | 2152          | 2157        | 2161         | rBV4     | 9180           | 14586         | 1.32%           | 0.164%        |
| 20        | 15.498      | 2274          | 2280        | 2285         | rBV      | 195174         | 239003        | 21.57%          | 2.679%        |
| 21        | 15.986      | 2358          | 2363        | 2369         | rVB7     | 8577           | 15766         | 1.42%           | 0.177%        |
| 22        | 16.433      | 2435          | 2439        | 2444         | rBV5     | 9179           | 15521         | 1.40%           | 0.174%        |

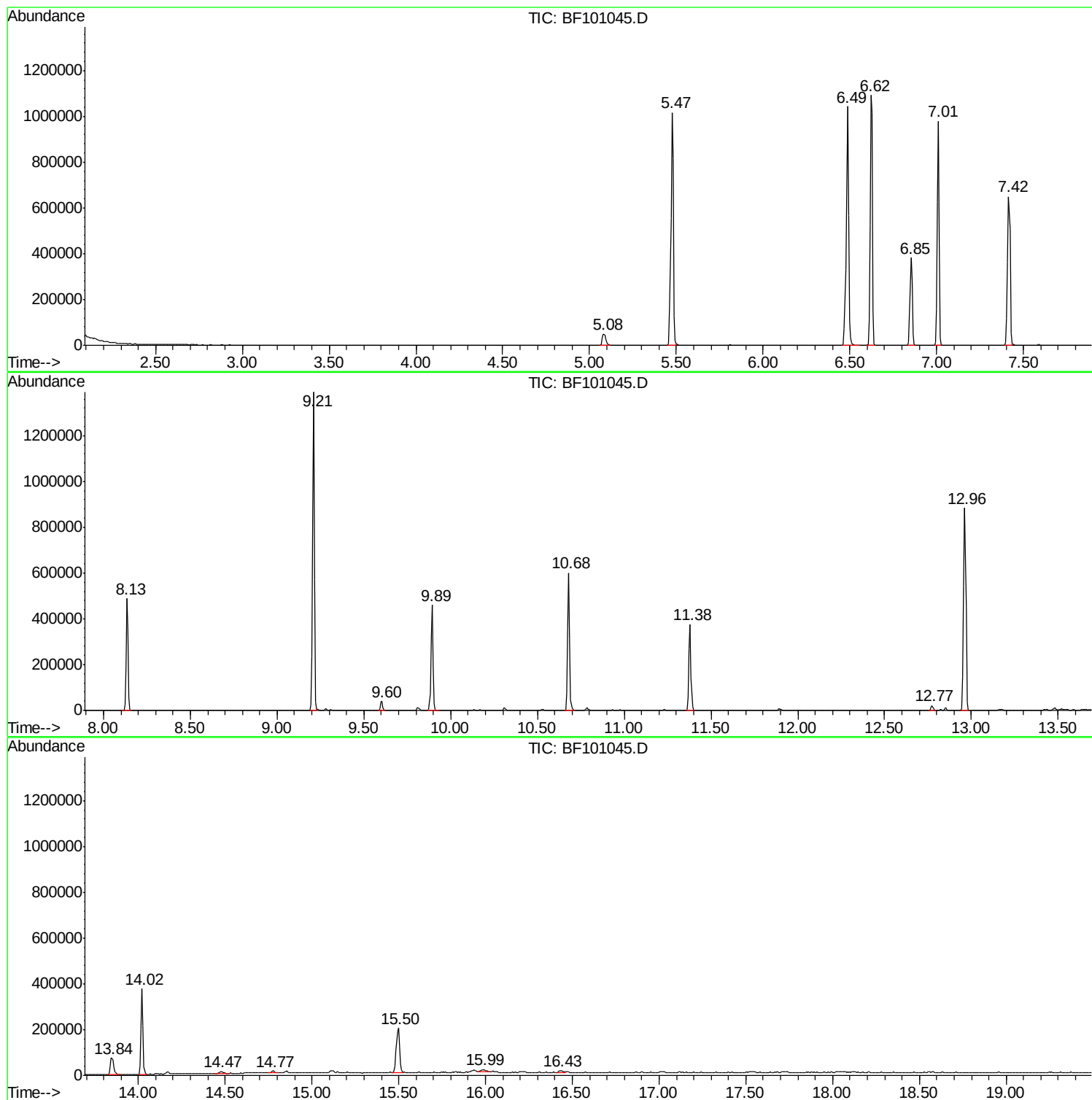
Sum of corrected areas: 8920687

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ClientSampleId :  
ENV-106-4(5-10)

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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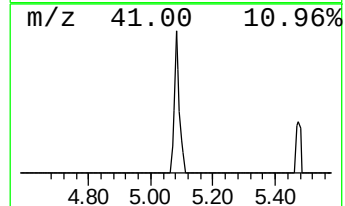
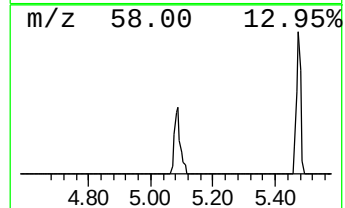
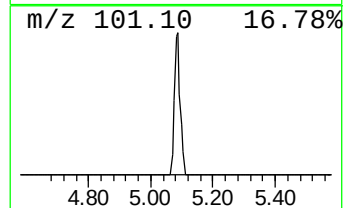
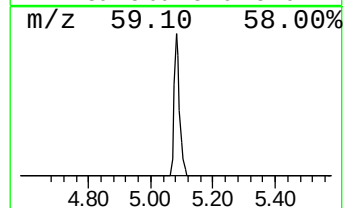
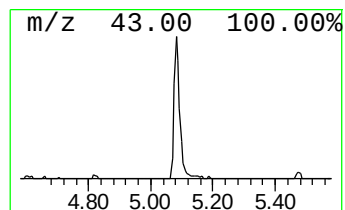
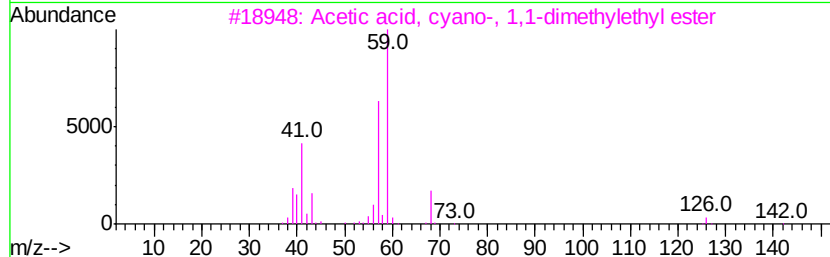
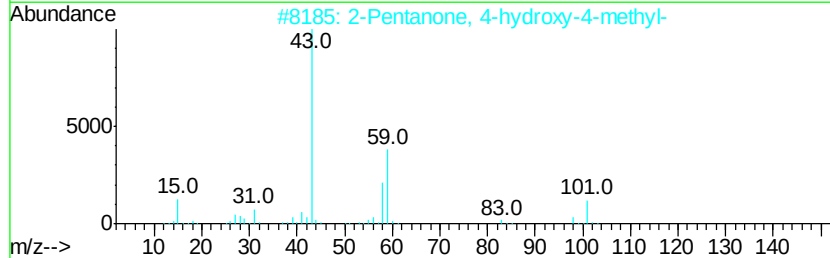
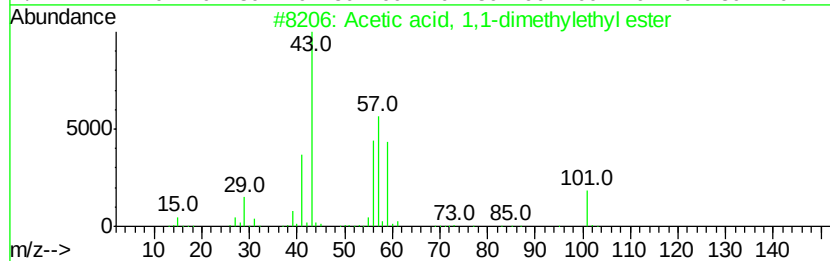
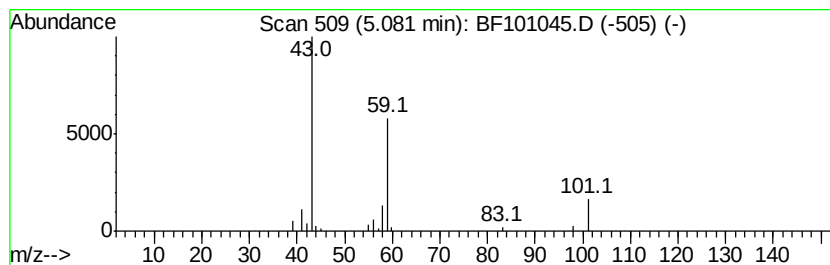
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Acetic acid, 1,1-dimethylet... Concentration Rank 4

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.08 | 4.02 ng | 61383 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 50   |
| 2    |    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 40   |
| 3    |    | Acetic acid, cyano-, 1,1-dimethv... | 141 | C7H11NO2 | 001116-98-9 | 25   |
| 4    |    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2  | 000057-71-6 | 9    |
| 5    |    | Propanoic acid, 2-hydroxy-2-meth... | 132 | C6H12O3  | 000080-55-7 | 9    |



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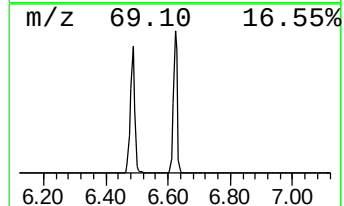
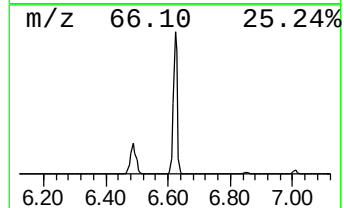
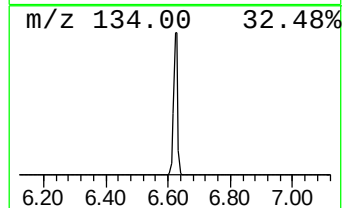
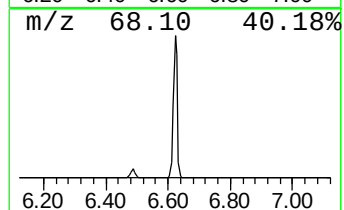
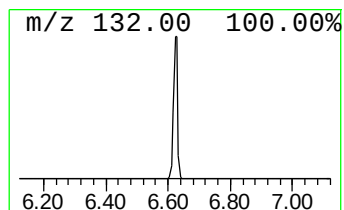
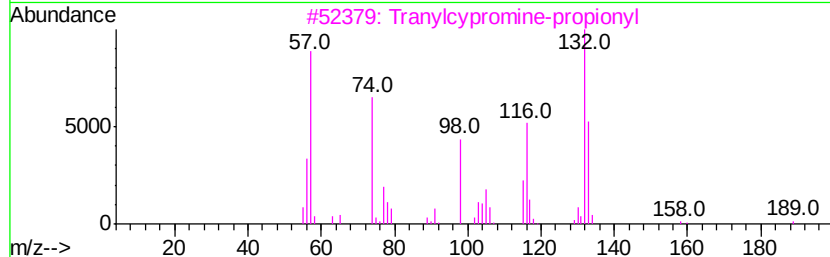
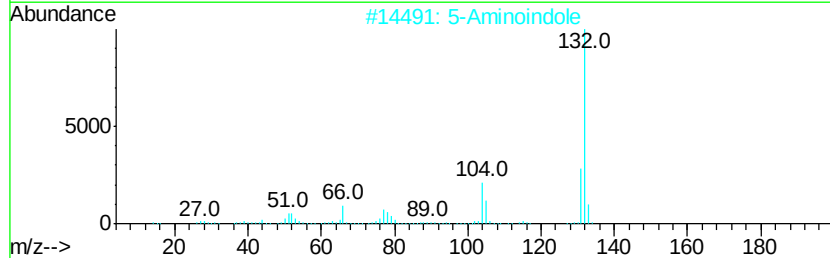
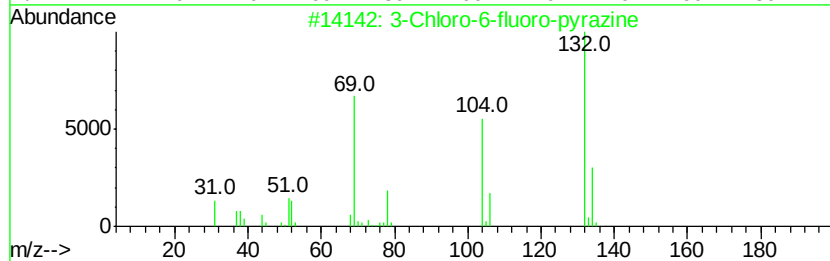
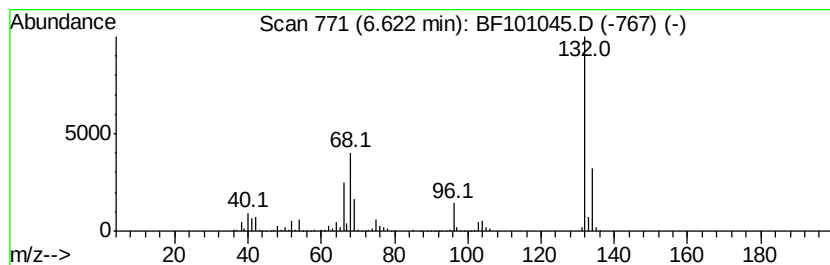
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Peak Number 2 unknown6.62 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.62 | 67.23 ng | 1026860 | 1,4-Dichlorobenzene-d4 | 6.85 |

| Hit# | of                               | Tentative ID | MW        | MolForm      | CAS# | Qual |
|------|----------------------------------|--------------|-----------|--------------|------|------|
| 1    | 3-Chloro-6-fluoro-pyrazine       | 132          | C4H2ClFN2 | 1000146-10-7 | 27   |      |
| 2    | 5-Aminoindole                    | 132          | C8H8N2    | 005192-03-0  | 12   |      |
| 3    | Tranvlcypromine-propionyl        | 189          | C12H15NO  | 1000123-86-3 | 10   |      |
| 4    | (E)-3-Chloro-2-methyl-2-pentenal | 132          | C6H9ClO   | 031357-76-3  | 9    |      |
| 5    | 5-Fluoro-2-chloropyrimidine      | 132          | C4H2ClFN2 | 062802-42-0  | 9    |      |



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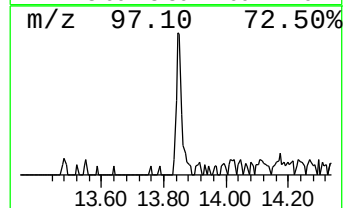
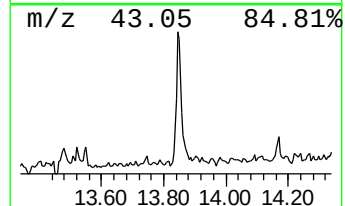
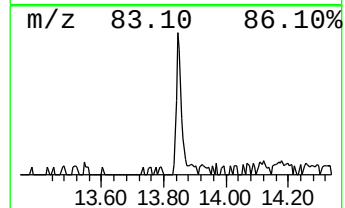
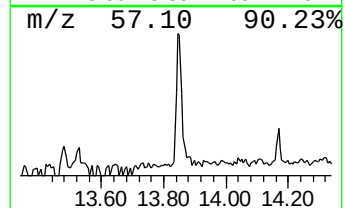
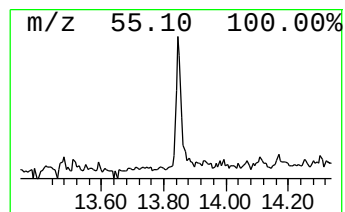
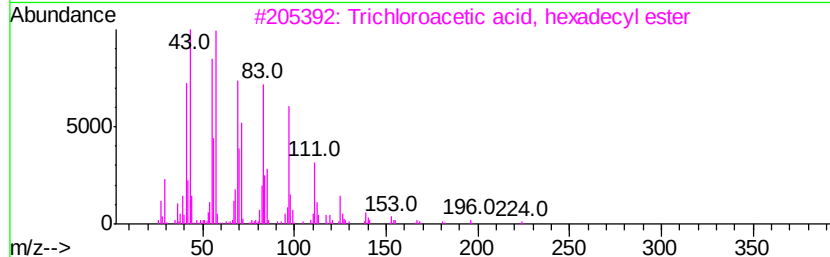
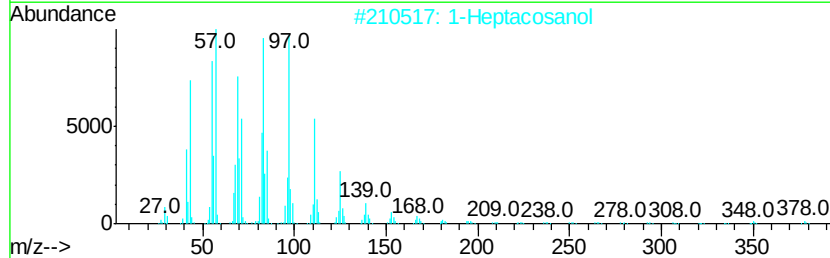
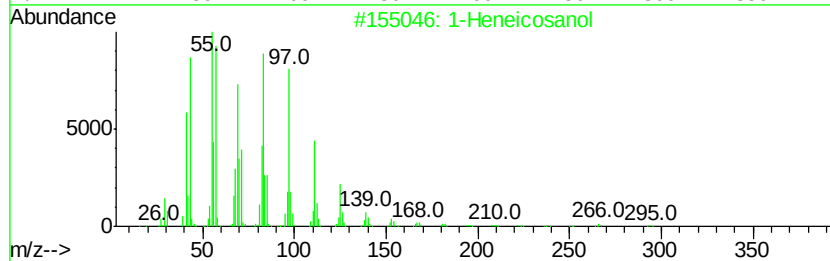
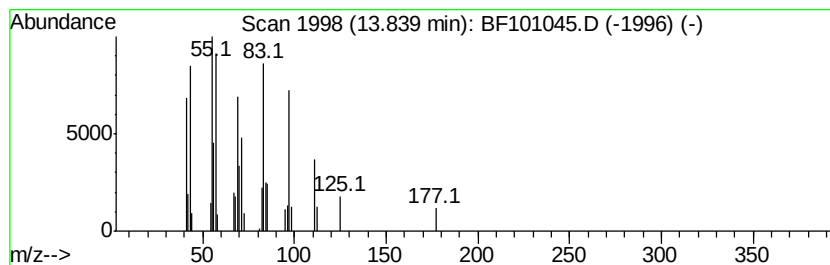
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ClientSampleId :  
ENV-106-4(5-10)

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Peak Number 4 1-Heneicosanol Concentration Rank 3

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|-------|------------------|-------------|------|
| 13.84     | 5.62 ng                             | 85455 | Chrysene-d12     | 14.02       |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#        | Qual |
| 1         | 1-Heneicosanol                      | 312   | C21H44O          | 015594-90-8 | 94   |
| 2         | 1-Heptacosanol                      | 396   | C27H56O          | 002004-39-9 | 93   |
| 3         | Trichloroacetic acid, hexadecyl ... | 386   | C18H33Cl3O2      | 074339-54-1 | 91   |
| 4         | n-Tetracosanol-1                    | 354   | C24H50O          | 000506-51-4 | 91   |
| 5         | Behenic alcohol                     | 326   | C22H46O          | 000661-19-8 | 91   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Acetic acid, 1,1-... | 5.08  | 4.0     | ng    | 61383    | 1                     | 6.85  | 305465 | 20.0 |
| unknown6.62          | 6.62  | 67.2    | ng    | 1026860  | 1                     | 6.85  | 305465 | 20.0 |
| 1-Heneicosanol       | 13.84 | 5.6     | ng    | 85455    | 5                     | 14.02 | 303938 | 20.0 |