

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF072420\  
 Data File : BF121015.D  
 Acq On : 24 Jul 2020 21:21  
 Operator : JU/CG  
 Sample : L3383-29  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CRT-002

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:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF071620.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         | 5.022       | 496           | 499         | 505          | rVB      | 22902          | 27262         | 1.05%           | 0.145%        |
| 2         | 5.428       | 563           | 568         | 571          | rBV      | 2269487        | 2183166       | 83.80%          | 11.606%       |
| 3         | 6.445       | 736           | 741         | 753          | rBV      | 2028081        | 2178812       | 83.63%          | 11.583%       |
| 4         | 6.640       | 772           | 774         | 786          | rBV      | 81474          | 95615         | 3.67%           | 0.508%        |
| 5         | 6.816       | 800           | 804         | 807          | rBV      | 913689         | 795643        | 30.54%          | 4.230%        |
| 6         | 7.375       | 894           | 899         | 902          | rBV      | 1646278        | 1403633       | 53.88%          | 7.462%        |
| 7         | 8.092       | 1018          | 1021        | 1025         | rBV      | 1004378        | 928930        | 35.66%          | 4.938%        |
| 8         | 9.169       | 1200          | 1204        | 1216         | rBV      | 2658543        | 2605159       | 100.00%         | 13.850%       |
| 9         | 9.563       | 1267          | 1271        | 1286         | rBV      | 366709         | 356304        | 13.68%          | 1.894%        |
| 10        | 9.845       | 1316          | 1319        | 1335         | rBV      | 950439         | 971431        | 37.29%          | 5.164%        |
| 11        | 10.633      | 1449          | 1453        | 1465         | rBV      | 1335332        | 1301598       | 49.96%          | 6.920%        |
| 12        | 11.333      | 1568          | 1572        | 1575         | rBV      | 922750         | 834517        | 32.03%          | 4.436%        |
| 13        | 12.539      | 1774          | 1777        | 1781         | rBV      | 75168          | 70147         | 2.69%           | 0.373%        |
| 14        | 12.769      | 1809          | 1816        | 1819         | rBV      | 74567          | 76796         | 2.95%           | 0.408%        |
| 15        | 12.916      | 1837          | 1841        | 1850         | rBV      | 2433375        | 2264107       | 86.91%          | 12.036%       |
| 16        | 13.151      | 1876          | 1881        | 1886         | rBV4     | 15280          | 29705         | 1.14%           | 0.158%        |
| 17        | 13.821      | 1991          | 1995        | 2005         | rBV2     | 162880         | 309943        | 11.90%          | 1.648%        |
| 18        | 13.969      | 2015          | 2020        | 2031         | rBV      | 947172         | 1040888       | 39.95%          | 5.534%        |
| 19        | 14.992      | 2191          | 2194        | 2198         | rBV      | 95395          | 154962        | 5.95%           | 0.824%        |
| 20        | 15.074      | 2206          | 2208        | 2211         | rVB2     | 33096          | 30672         | 1.18%           | 0.163%        |
| 21        | 15.292      | 2241          | 2245        | 2250         | rVB      | 56242          | 77577         | 2.98%           | 0.412%        |
| 22        | 15.351      | 2252          | 2255        | 2260         | rVB2     | 43239          | 53519         | 2.05%           | 0.285%        |
| 23        | 15.415      | 2261          | 2266        | 2270         | rBV      | 810275         | 1019989       | 39.15%          | 5.422%        |

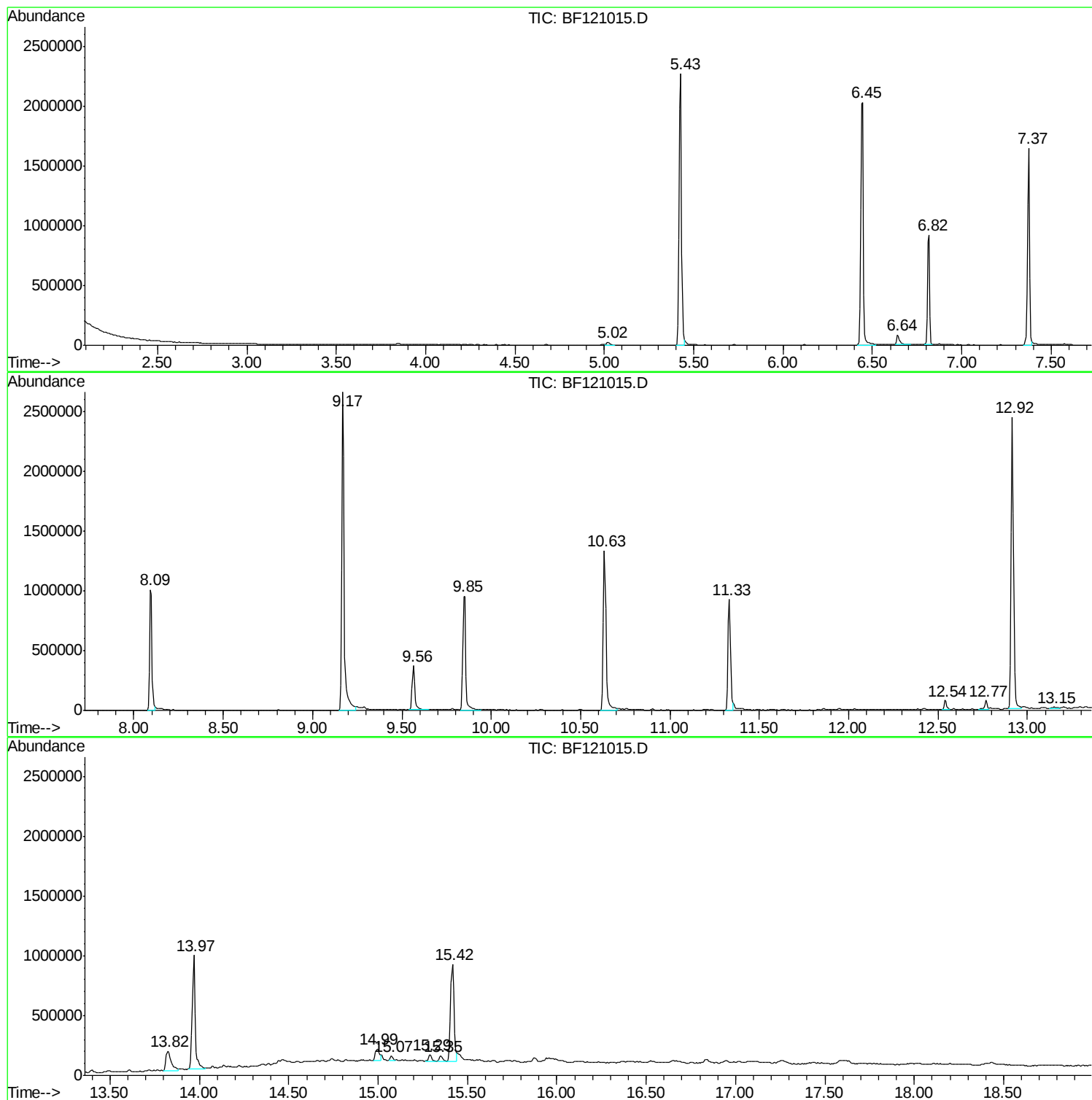
Sum of corrected areas: 18810375

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Instrument :  
BNA\_F  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF071620.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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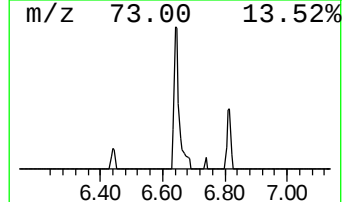
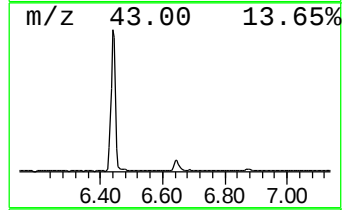
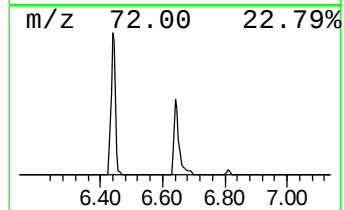
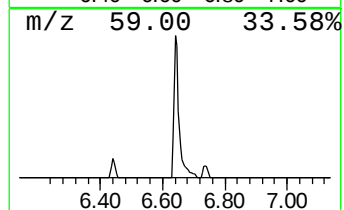
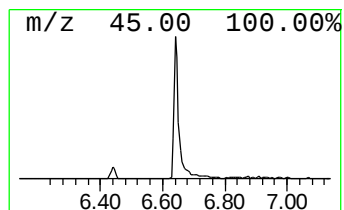
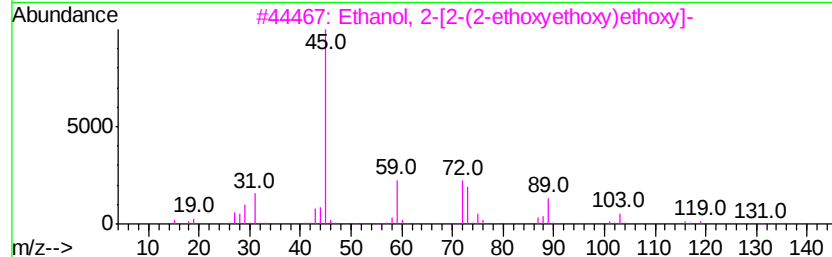
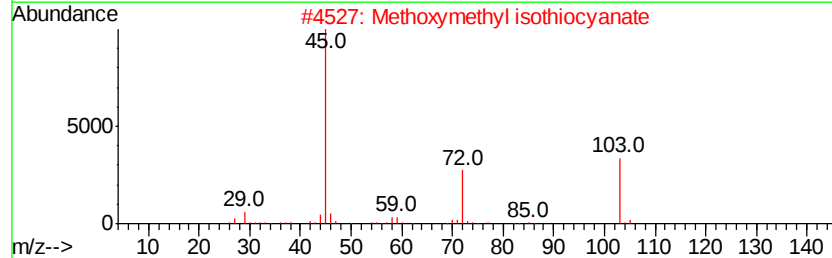
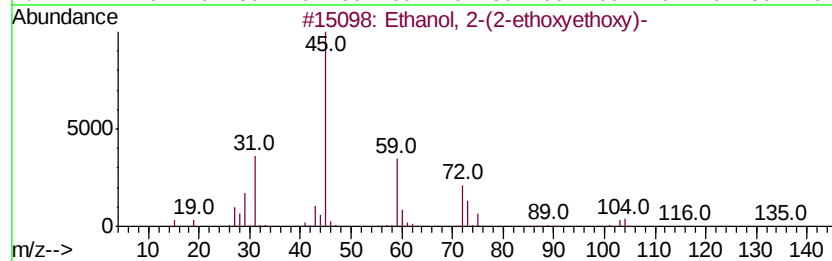
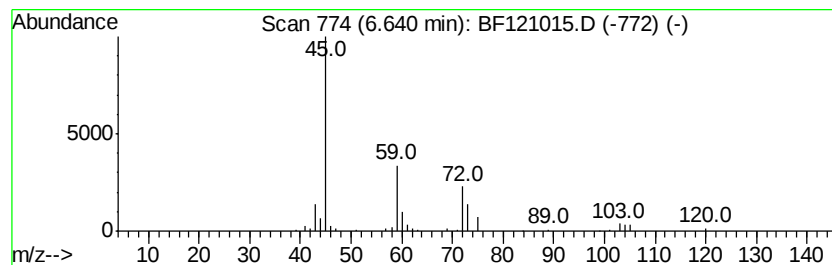
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M  
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 2

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 6.64 | 2.40 ng | 95615 | 1,4-Dichlorobenzene-d4 | 6.82 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Ethanol, 2-(2-ethoxyethoxy)-        | 134 | C6H14O3 | 000111-90-0 | 83   |
| 2    |    | Methoxymethyl isothiocyanate        | 103 | C3H5NOS | 019900-84-6 | 42   |
| 3    |    | Ethanol, 2-[2-(2-ethoxyethoxy)et... | 178 | C8H18O4 | 000112-50-5 | 38   |
| 4    |    | 2-Propanol, 1-(1-methylethoxy)-     | 118 | C6H14O2 | 003944-36-3 | 38   |
| 5    |    | Ethanol, 2-(2-methoxyethoxy)-       | 120 | C5H12O3 | 000111-77-3 | 33   |



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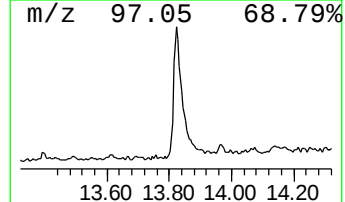
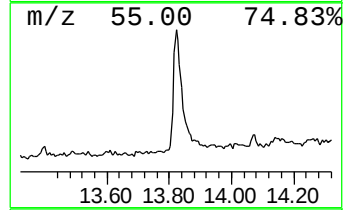
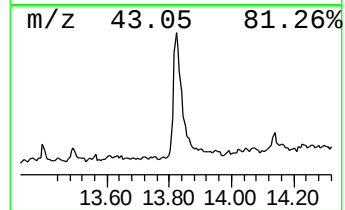
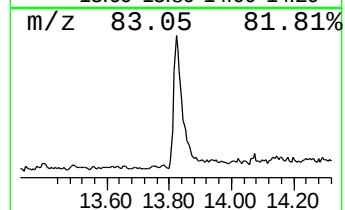
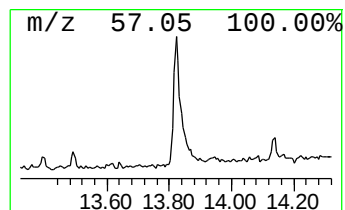
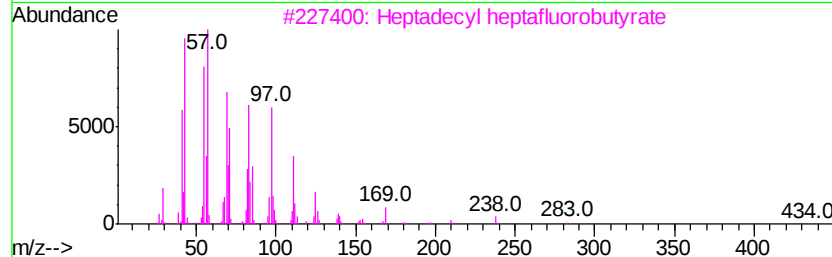
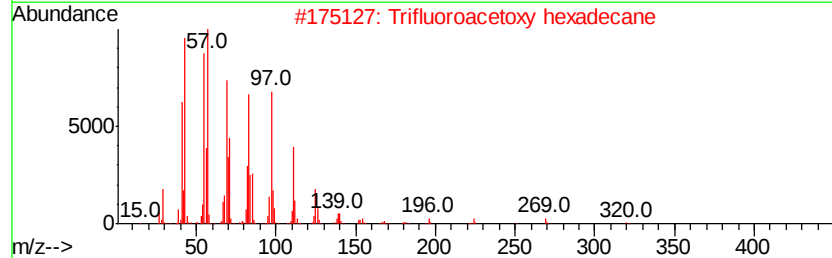
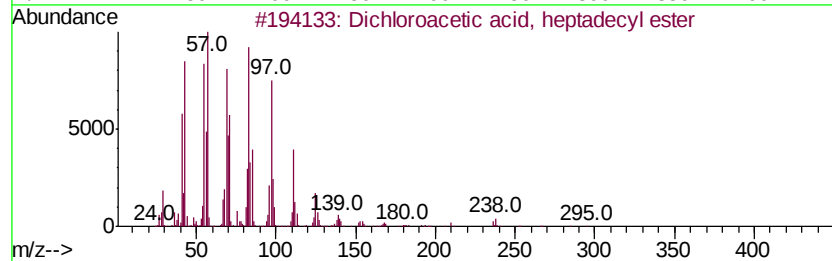
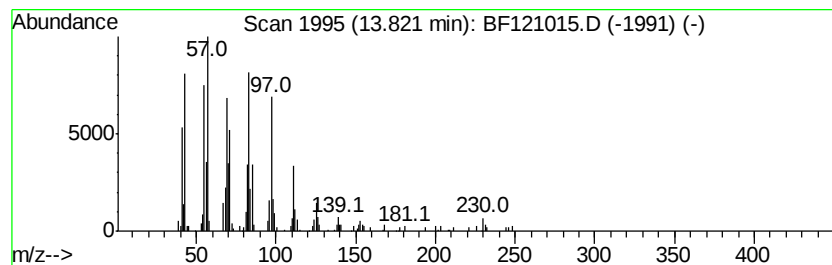
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Peak Number 2 Dichloroacetic acid, heptadecyl... Concentration Rank 1

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.82 | 5.96 ng | 309943 | Chrysene-d12     | 13.97 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 95   |
| 2    |    |   | Trifluoroacetoxy hexadecane         | 338 | C18H33F3O2  | 006222-03-3  | 94   |
| 3    |    |   | Heptadecyl heptafluorobutrate       | 452 | C21H35F7O2  | 959085-66-6  | 93   |
| 4    |    |   | 1-Docosene                          | 308 | C22H44      | 001599-67-3  | 91   |
| 5    |    |   | Trichloroacetic acid, pentadecyl... | 372 | C17H31Cl3O2 | 074339-53-0  | 91   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Ethanol, 2-(2-eth... | 6.64  | 2.4     | ng    | 95615    | 1                     | 6.82  | 795643  | 20.0 |
| Dichloroacetic ac... | 13.82 | 6.0     | ng    | 309943   | 5                     | 13.97 | 1040890 | 20.0 |