

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF041318\  
 Data File : BF104512.D  
 Acq On : 14 Apr 2018 8:25  
 Operator : JU/SJ  
 Sample : J2368-06  
 Misc :  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 041118-JETB-E-U-S

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-BF040618.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         | 5.004       | 493           | 496         | 502          | rBV      | 111906         | 112462        | 3.17%           | 0.562%        |
| 2         | 5.422       | 563           | 567         | 580          | rVB      | 1166532        | 993147        | 28.00%          | 4.964%        |
| 3         | 6.034       | 668           | 671         | 680          | rBV      | 35184          | 38007         | 1.07%           | 0.190%        |
| 4         | 6.440       | 736           | 740         | 746          | rBV      | 686442         | 633598        | 17.86%          | 3.167%        |
| 5         | 6.575       | 759           | 763         | 767          | rBV      | 1981092        | 1808181       | 50.97%          | 9.037%        |
| 6         | 6.804       | 799           | 802         | 806          | rBV      | 805461         | 699191        | 19.71%          | 3.494%        |
| 7         | 6.963       | 825           | 829         | 833          | rBV      | 2684871        | 2568700       | 72.41%          | 12.838%       |
| 8         | 7.375       | 893           | 899         | 902          | rBV      | 2011265        | 2025464       | 57.10%          | 10.123%       |
| 9         | 8.092       | 1017          | 1021        | 1024         | rBV      | 1112844        | 913129        | 25.74%          | 4.564%        |
| 10        | 9.169       | 1199          | 1204        | 1207         | rBV      | 3767290        | 3547270       | 100.00%         | 17.729%       |
| 11        | 9.557       | 1267          | 1270        | 1279         | rVB      | 91966          | 88524         | 2.50%           | 0.442%        |
| 12        | 9.845       | 1314          | 1319        | 1328         | rVB      | 1021134        | 928731        | 26.18%          | 4.642%        |
| 13        | 10.275      | 1385          | 1392        | 1395         | rBV2     | 64353          | 59114         | 1.67%           | 0.295%        |
| 14        | 10.639      | 1450          | 1454        | 1464         | rVB      | 1171212        | 1113043       | 31.38%          | 5.563%        |
| 15        | 10.745      | 1470          | 1472        | 1479         | rVB      | 48979          | 49456         | 1.39%           | 0.247%        |
| 16        | 11.333      | 1568          | 1572        | 1576         | rBV      | 800046         | 716064        | 20.19%          | 3.579%        |
| 17        | 12.739      | 1808          | 1811        | 1818         | rBV3     | 60235          | 48917         | 1.38%           | 0.244%        |
| 18        | 12.927      | 1838          | 1843        | 1846         | rBV      | 2685271        | 2476713       | 69.82%          | 12.378%       |
| 19        | 13.821      | 1991          | 1995        | 2004         | rBV      | 81928          | 101793        | 2.87%           | 0.509%        |
| 20        | 13.980      | 2018          | 2022        | 2029         | rVB      | 684635         | 627959        | 17.70%          | 3.138%        |
| 21        | 15.445      | 2265          | 2271        | 2280         | rBV      | 330677         | 459015        | 12.94%          | 2.294%        |

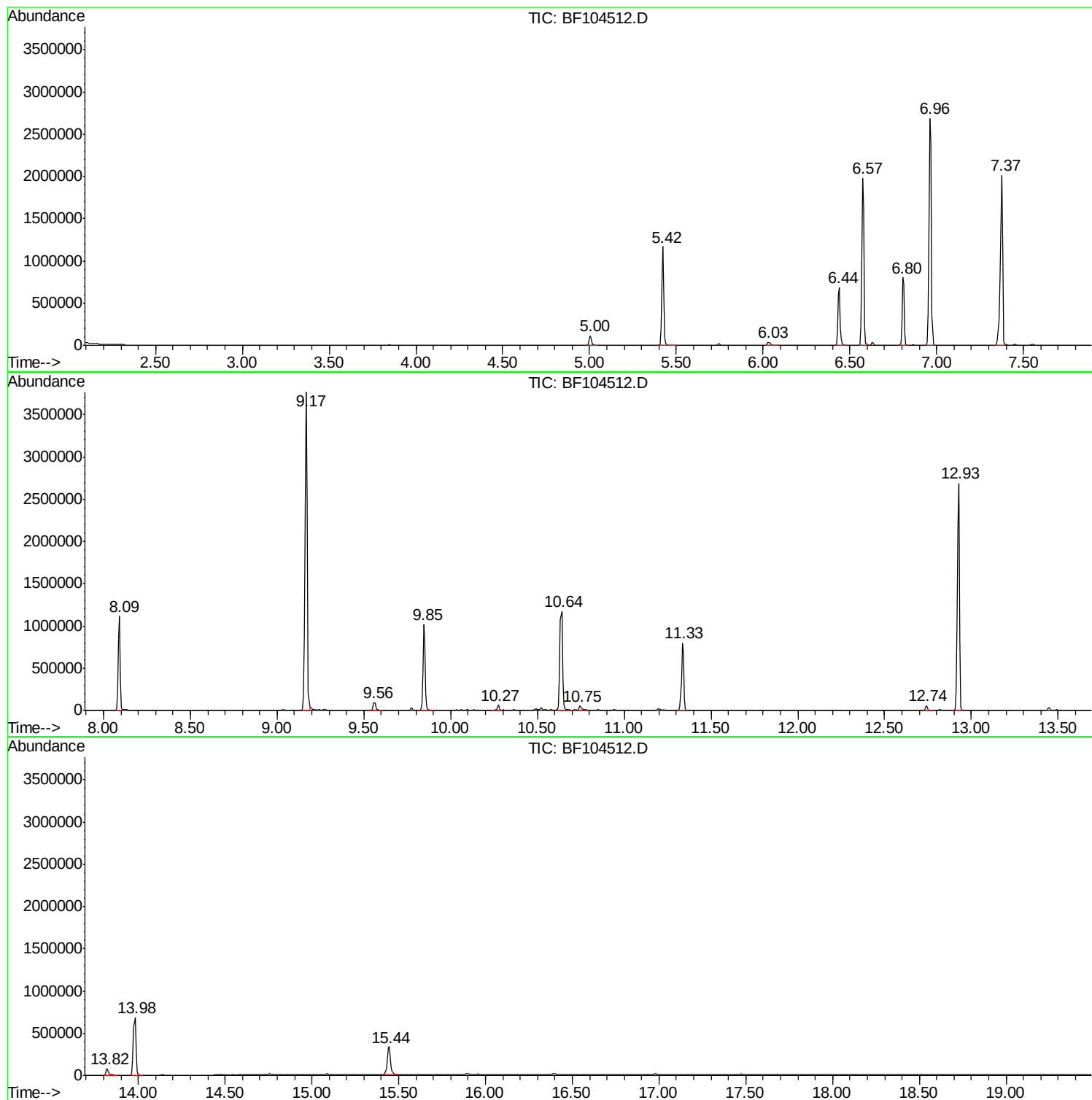
Sum of corrected areas: 20008478

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BNA\_F  
ClientSampleId :  
041118-JETB-E-U-S

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040618.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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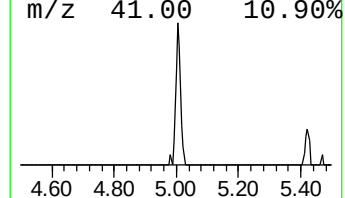
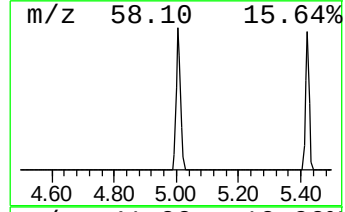
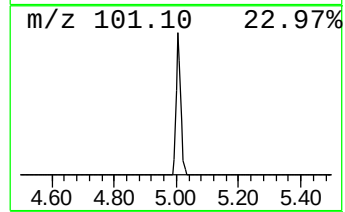
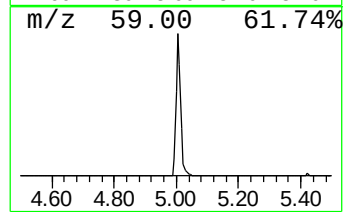
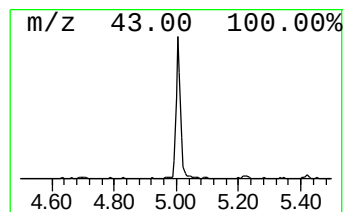
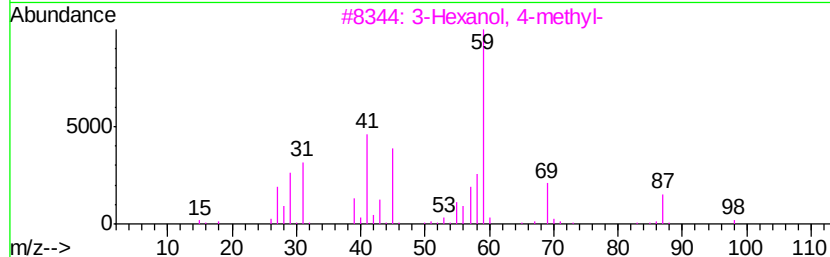
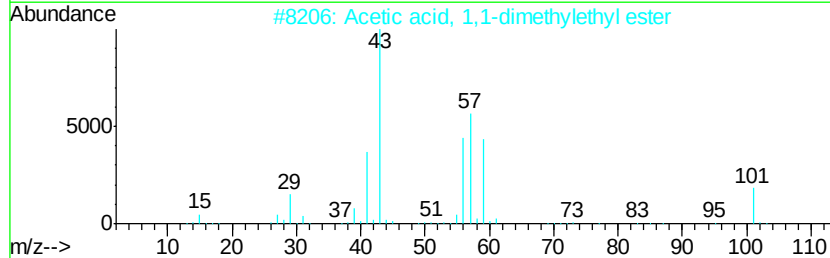
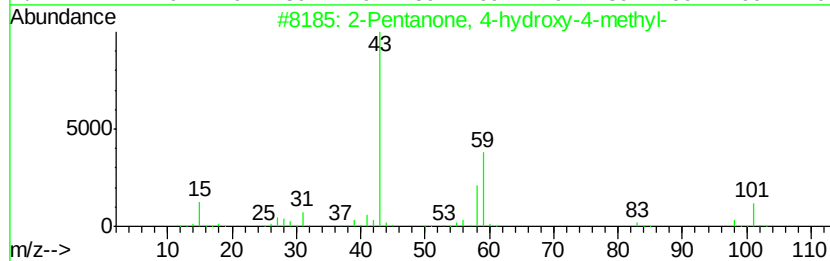
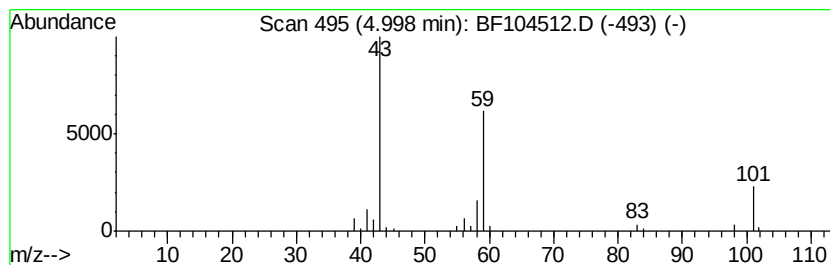
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 5.00 | 3.22 ng | 112462 | 1,4-Dichlorobenzene-d4 | 6.80 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 50   |
| 3    |    |   | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 25   |
| 4    |    |   | Propane, 2-ethoxy-2-methyl-         | 102 | C6H14O   | 000637-92-3 | 17   |
| 5    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17   |



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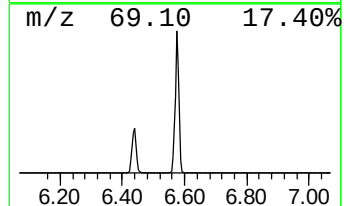
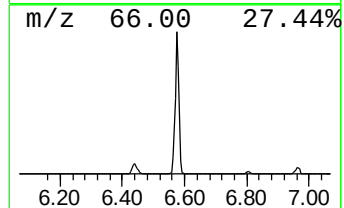
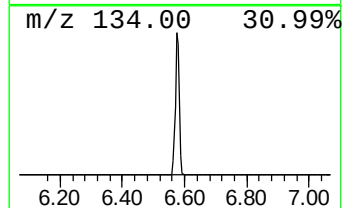
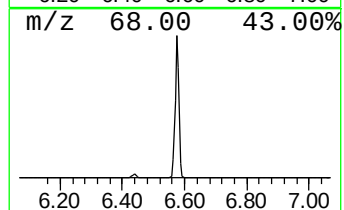
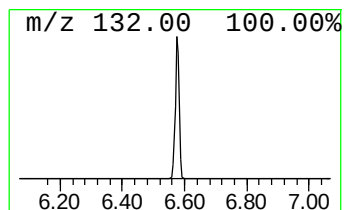
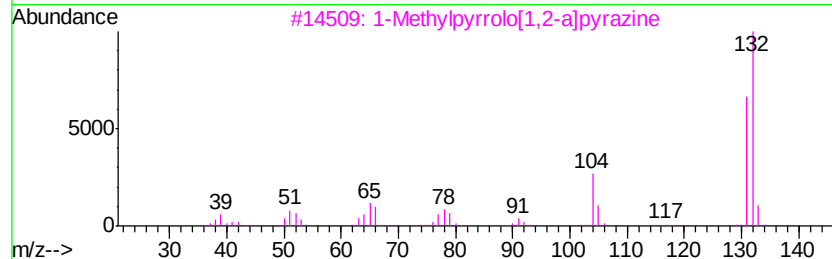
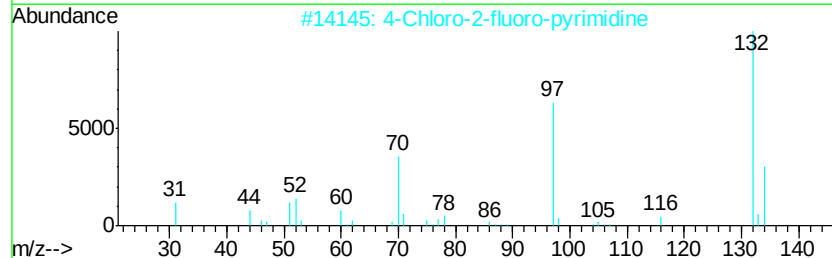
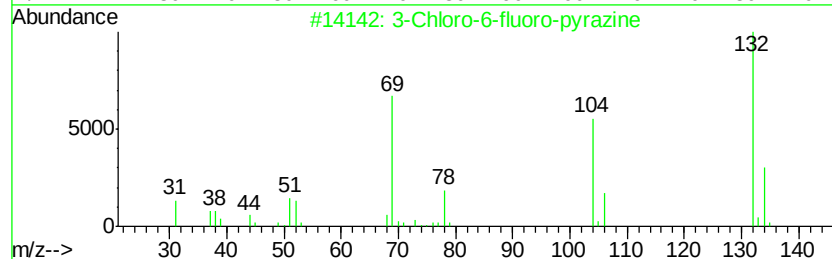
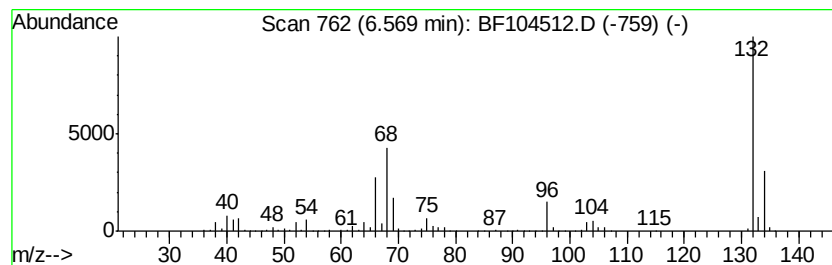
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Peak Number 2 unknown6.57 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.57 | 51.72 ng | 1808180 | 1,4-Dichlorobenzene-d4 | 6.80 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 2    |    | 4-Chloro-2-fluoro-pyrimidine        | 132 | C4H2ClFN2 | 051422-00-5  | 9    |
| 3    |    | 1-Methylpyrrolo[1,2-a]pyrazine      | 132 | C8H8N2    | 064608-59-9  | 9    |
| 4    |    | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2    | 022291-85-6  | 9    |
| 5    |    | 1,3,5-Trifluorobenzene              | 132 | C6H3F3    | 000372-38-3  | 9    |



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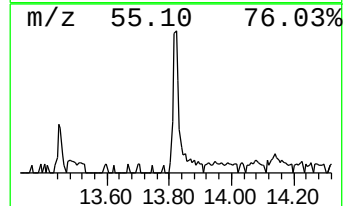
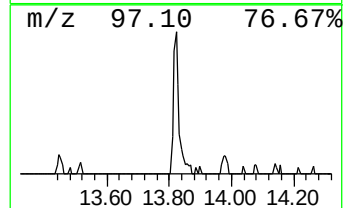
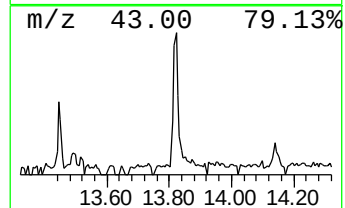
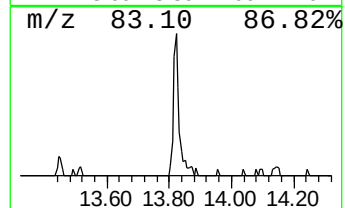
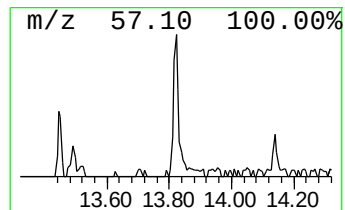
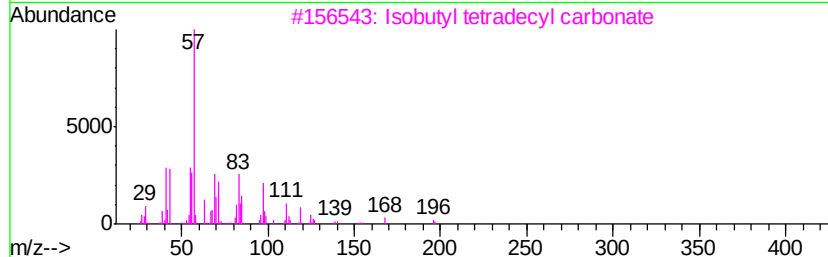
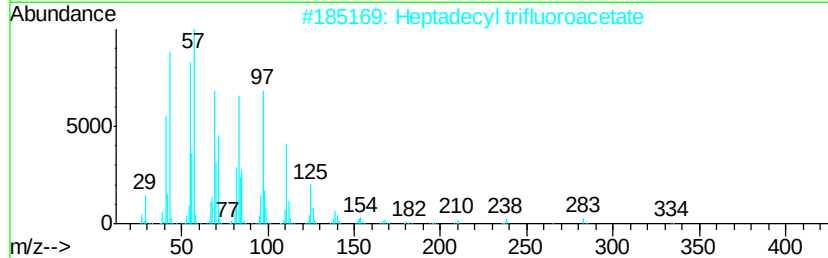
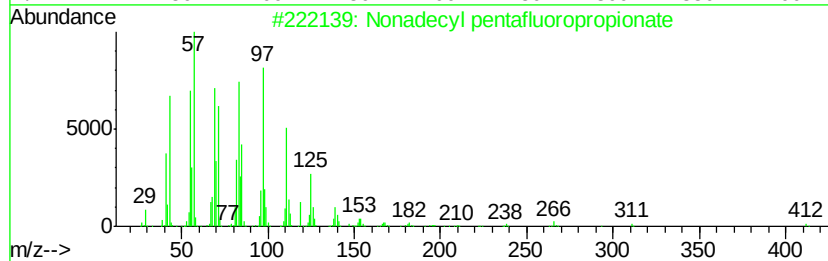
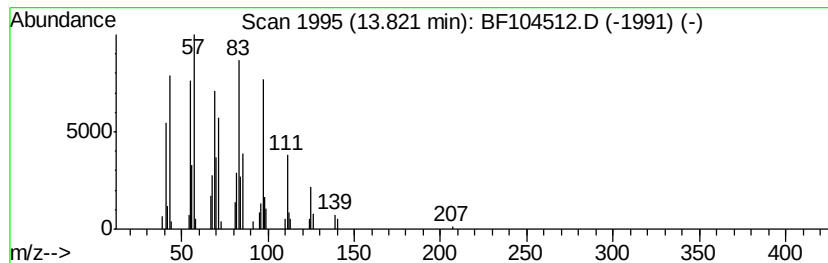
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Nonadecyl pentafluoropropio... Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.82 | 3.24 ng | 101793 | Chrysene-d12     | 13.98 |

| Hit# | of | Tentative ID                    | MW  | MolForm    | CAS#         | Qual |
|------|----|---------------------------------|-----|------------|--------------|------|
| 1    | 5  | Nonadecyl pentafluoropropionate | 430 | C22H39F5O2 | 1000351-88-8 | 91   |
| 2    |    | Heptadecyl trifluoroacetate     | 352 | C19H35F3O2 | 1000351-87-0 | 90   |
| 3    |    | Isobutyl tetradecyl carbonate   | 314 | C19H38O3   | 959275-58-2  | 90   |
| 4    |    | Tricosyl trifluoroacetate       | 436 | C25H47F3O2 | 1000351-75-1 | 87   |
| 5    |    | Octacosyl trifluoroacetate      | 506 | C30H57F3O2 | 1000351-74-9 | 87   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.00  | 3.2     | ng    | 112462   | 1                     | 6.80  | 699191 | 20.0 |
| unknown6.57          | 6.57  | 51.7    | ng    | 1808180  | 1                     | 6.80  | 699191 | 20.0 |
| Nonadecyl pentafl... | 13.82 | 3.2     | ng    | 101793   | 5                     | 13.98 | 627959 | 20.0 |