

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF062415\  
 Data File : BF080138.D  
 Acq On : 24 Jun 2015 18:25  
 Operator : TP/IZ  
 Sample : G2750-03  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SS-3

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % 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:\HPCHEM1\BNA\_F\METHODS\8270-BF061715.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         | 4.481       | 118           | 122         | 125          | rBV      | 4302112        | 5440696       | 100.00%         | 29.412%       |
| 2         | 5.533       | 211           | 214         | 216          | rBV      | 284928         | 382178        | 7.02%           | 2.066%        |
| 3         | 5.921       | 246           | 248         | 251          | rBV      | 1302799        | 1102415       | 20.26%          | 5.960%        |
| 4         | 6.916       | 332           | 335         | 337          | rBV      | 1408437        | 1251418       | 23.00%          | 6.765%        |
| 5         | 7.076       | 347           | 349         | 352          | rBV      | 1415320        | 1198664       | 22.03%          | 6.480%        |
| 6         | 7.316       | 367           | 370         | 372          | rVB      | 331628         | 307458        | 5.65%           | 1.662%        |
| 7         | 7.476       | 381           | 384         | 386          | rBV      | 776278         | 867348        | 15.94%          | 4.689%        |
| 8         | 7.864       | 416           | 418         | 421          | rBV      | 766096         | 688567        | 12.66%          | 3.722%        |
| 9         | 8.607       | 481           | 483         | 485          | rBV      | 380367         | 405596        | 7.45%           | 2.193%        |
| 10        | 9.682       | 574           | 577         | 579          | rVB      | 1809298        | 1520298       | 27.94%          | 8.219%        |
| 11        | 10.070      | 609           | 611         | 613          | rBV      | 143351         | 145341        | 2.67%           | 0.786%        |
| 12        | 10.379      | 635           | 638         | 640          | rVB      | 502197         | 494217        | 9.08%           | 2.672%        |
| 13        | 11.168      | 705           | 707         | 709          | rBV      | 1120321        | 978135        | 17.98%          | 5.288%        |
| 14        | 11.876      | 767           | 769         | 772          | rBV      | 582346         | 558529        | 10.27%          | 3.019%        |
| 15        | 13.579      | 915           | 918         | 920          | rBV      | 2021873        | 1858020       | 34.15%          | 10.044%       |
| 16        | 14.654      | 1009          | 1012        | 1024         | rBV      | 84022          | 168640        | 3.10%           | 0.912%        |
| 17        | 14.871      | 1028          | 1031        | 1033         | rBV      | 419276         | 594112        | 10.92%          | 3.212%        |
| 18        | 16.757      | 1192          | 1196        | 1199         | rBV      | 334863         | 536481        | 9.86%           | 2.900%        |

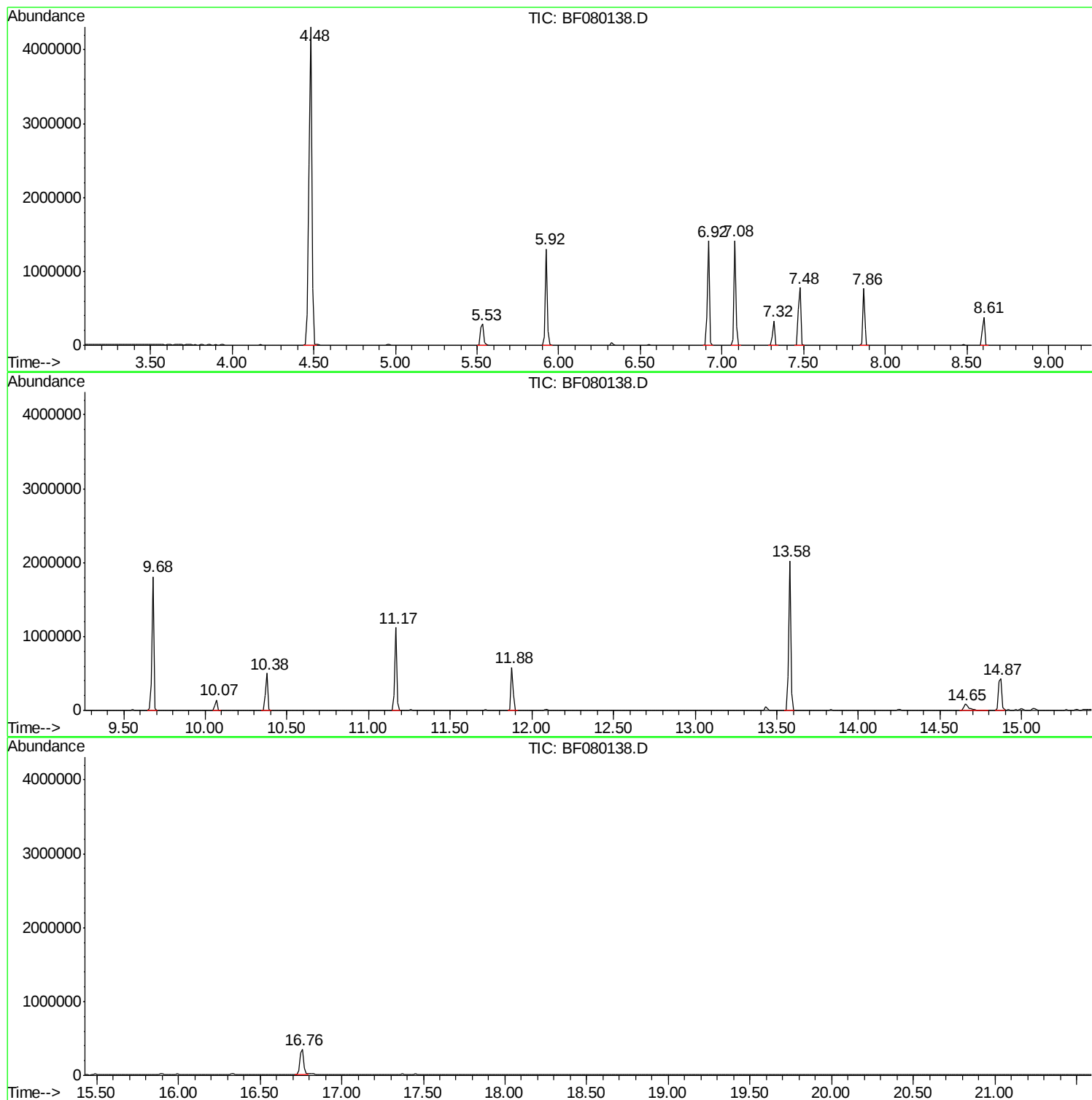
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061715.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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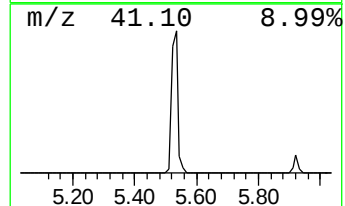
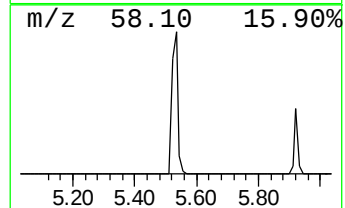
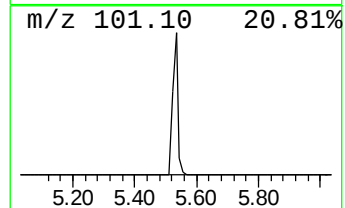
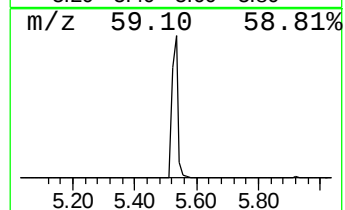
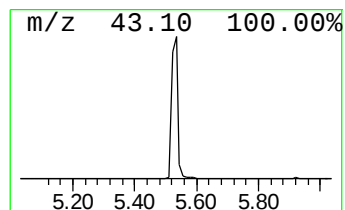
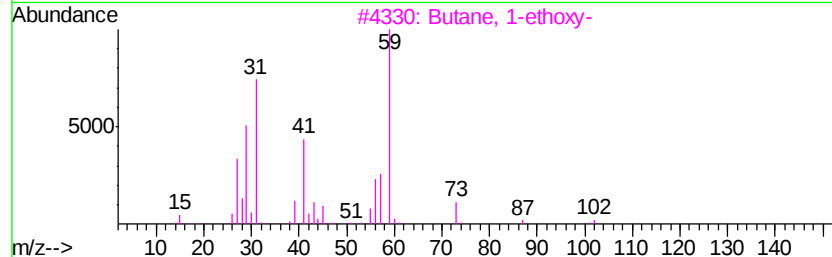
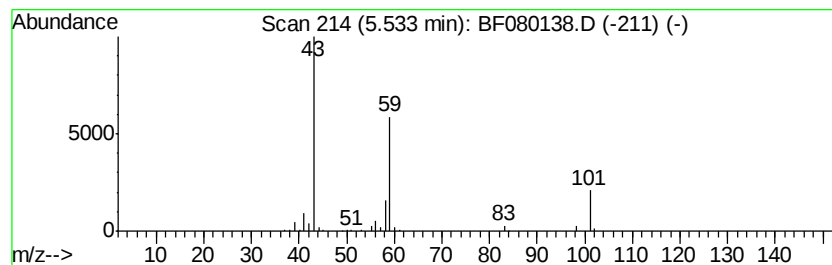
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.53 | 24.86 ng | 382178 | 1,4-Dichlorobenzene-d4 | 7.32 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 53   |
| 2    |    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 3    |    | Butane, 1-ethoxy-                   | 102 | C6H14O   | 000628-81-9 | 9    |
| 4    |    | Morpholine, 4-methyl-               | 101 | C5H11NO  | 000109-02-4 | 9    |
| 5    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 9    |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061715.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

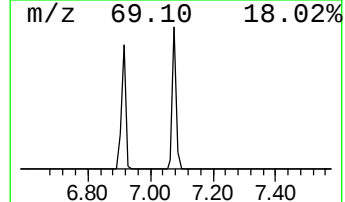
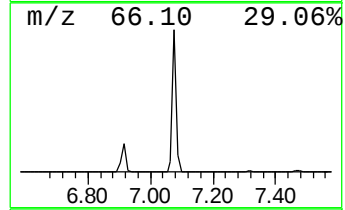
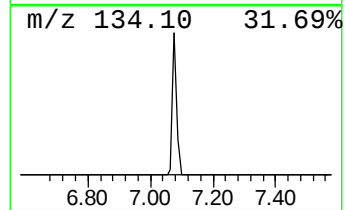
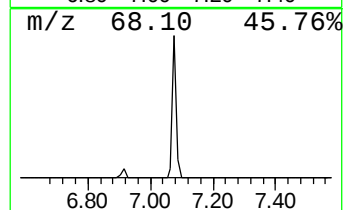
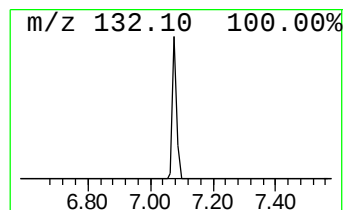
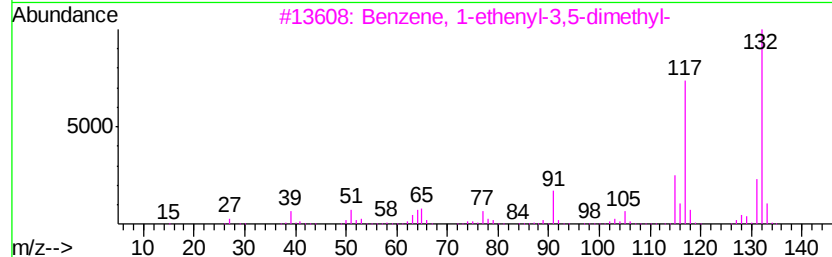
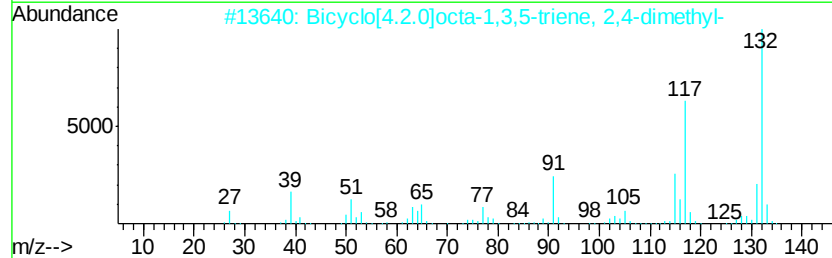
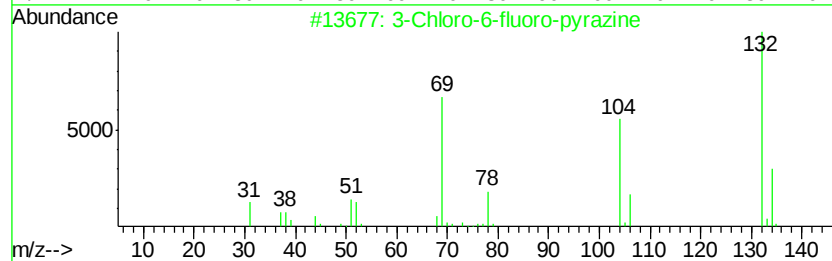
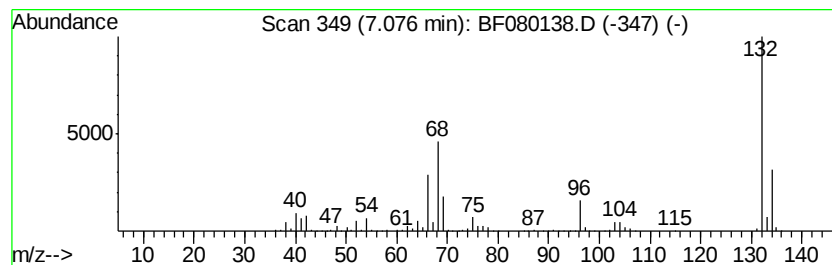
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown7.08 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.08 | 77.97 ng | 1198660 | 1,4-Dichlorobenzene-d4 | 7.32 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |
| 3    |    | Benzene, 1-ethenyl-3,5-dimethyl-    | 132 | C10H12    | 005379-20-4  | 9    |
| 4    |    | 5-Fluoro-2-chloropyrimidine         | 132 | C4H2ClFN2 | 062802-42-0  | 9    |
| 5    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 9    |



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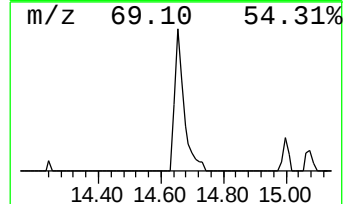
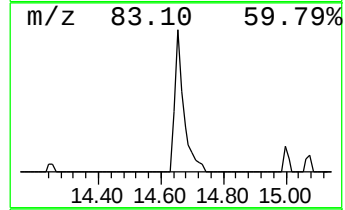
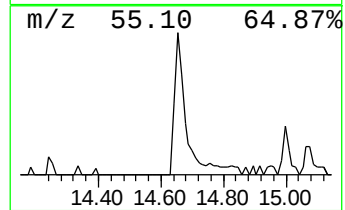
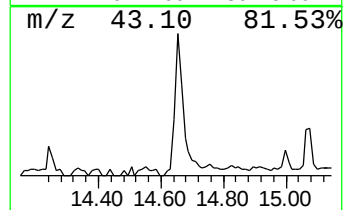
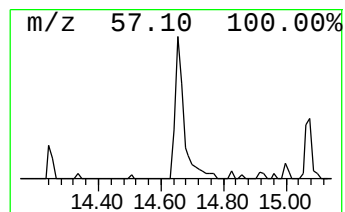
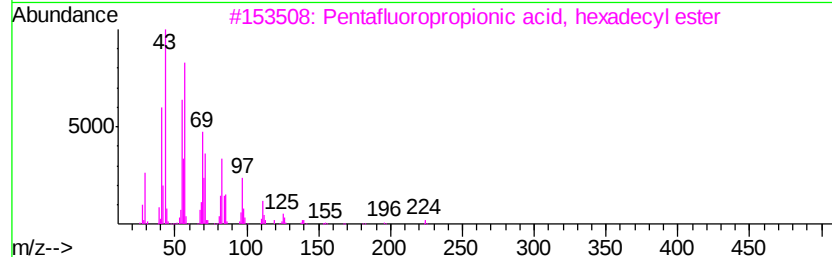
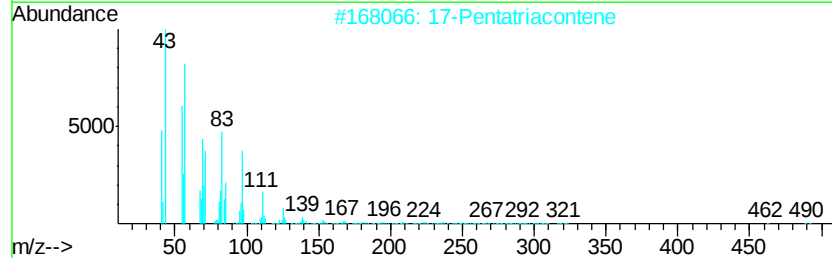
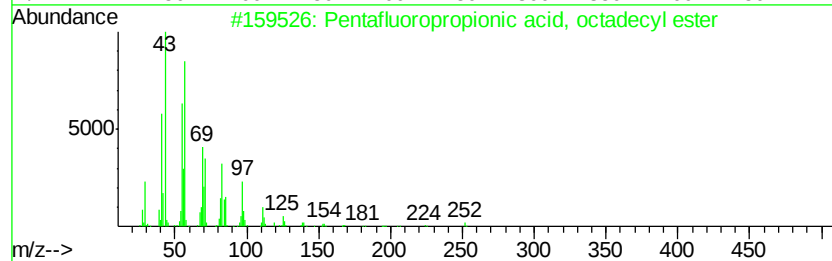
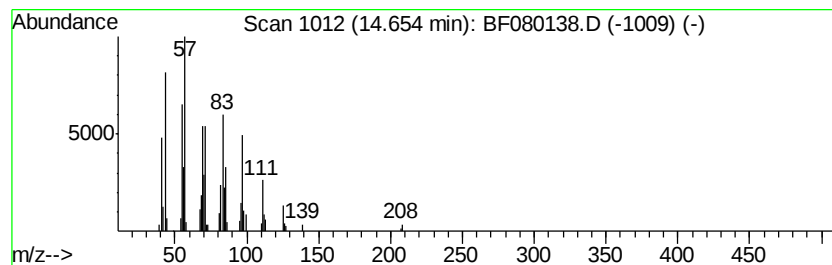
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Pentafluoropropionic acid, ... Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.65 | 5.68 ng | 168640 | Chrysene-d12     | 14.87 |

| Hit# | of | Tentative ID                               | MW  | MolForm    | CAS#         | Qual |
|------|----|--------------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Pentafluoropropionic acid, octadecyl ester | 416 | C21H37F5O2 | 1000280-07-7 | 90   |
| 2    |    | 17-Pentatriacontene                        | 491 | C35H70     | 006971-40-0  | 87   |
| 3    |    | Pentafluoropropionic acid, hexadecyl ester | 388 | C19H33F5O2 | 006222-07-7  | 86   |
| 4    |    | 1-Heptadecanol                             | 256 | C17H36O    | 001454-85-9  | 81   |
| 5    |    | 1-Docosene                                 | 308 | C22H44     | 001599-67-3  | 74   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.53  | 24.9    | ng    | 382178   | 1                     | 7.32  | 307458 | 20.0 |
| unknown7.08          | 7.08  | 78.0    | ng    | 1198660  | 1                     | 7.32  | 307458 | 20.0 |
| Pentafluoropropio... | 14.65 | 5.7     | ng    | 168640   | 5                     | 14.87 | 594112 | 20.0 |