

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060322\  
 Data File : BF128682.D  
 Acq On : 03 Jun 2022 16:39  
 Operator : CG\JU  
 Sample : N3168-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 HELENS-0602

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-BF060222.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128682.D\data.ms

| 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         | 5.469       | 537           | 541         | 549          | rBV      | 1293111        | 1464269       | 92.33%          | 13.293%       |
| 2         | 6.481       | 710           | 713         | 724          | rBV      | 1560027        | 1451031       | 91.49%          | 13.173%       |
| 3         | 6.822       | 767           | 771         | 774          | rVB      | 599137         | 471308        | 29.72%          | 4.279%        |
| 4         | 7.381       | 861           | 866         | 870          | rBV      | 1018305        | 978888        | 61.72%          | 8.887%        |
| 5         | 8.104       | 985           | 989         | 992          | rBV      | 729092         | 554929        | 34.99%          | 5.038%        |
| 6         | 9.181       | 1168          | 1172        | 1175         | rBV      | 1991771        | 1585991       | 100.00%         | 14.398%       |
| 7         | 9.863       | 1281          | 1288        | 1291         | rBV      | 606672         | 538733        | 33.97%          | 4.891%        |
| 8         | 10.651      | 1418          | 1422        | 1425         | rBV      | 975262         | 779175        | 49.13%          | 7.074%        |
| 9         | 10.781      | 1438          | 1444        | 1447         | rBV      | 20498          | 26928         | 1.70%           | 0.244%        |
| 10        | 11.345      | 1536          | 1540        | 1544         | rBV      | 555649         | 463260        | 29.21%          | 4.206%        |
| 11        | 11.875      | 1627          | 1630        | 1635         | rBV2     | 31300          | 30805         | 1.94%           | 0.280%        |
| 12        | 12.604      | 1751          | 1754        | 1759         | rVB6     | 15375          | 19572         | 1.23%           | 0.178%        |
| 13        | 12.663      | 1759          | 1764        | 1768         | rBV7     | 23130          | 31174         | 1.97%           | 0.283%        |
| 14        | 12.939      | 1806          | 1811        | 1814         | rBV      | 1293441        | 1228304       | 77.45%          | 11.151%       |
| 15        | 13.116      | 1836          | 1841        | 1845         | rBV8     | 15091          | 23406         | 1.48%           | 0.212%        |
| 16        | 13.845      | 1962          | 1965        | 1966         | rBV2     | 19437          | 19603         | 1.24%           | 0.178%        |
| 17        | 13.992      | 1986          | 1990        | 1993         | rBV      | 503534         | 446599        | 28.16%          | 4.054%        |
| 18        | 14.086      | 2002          | 2006        | 2012         | rVB      | 189327         | 197672        | 12.46%          | 1.795%        |
| 19        | 14.469      | 2068          | 2071        | 2073         | rBV2     | 29419          | 31807         | 2.01%           | 0.289%        |
| 20        | 15.457      | 2235          | 2239        | 2243         | rBV      | 297735         | 350733        | 22.11%          | 3.184%        |
| 21        | 16.163      | 2355          | 2359        | 2369         | rVB2     | 108475         | 188186        | 11.87%          | 1.708%        |
| 22        | 16.592      | 2429          | 2432        | 2443         | rVB2     | 68438          | 132975        | 8.38%           | 1.207%        |

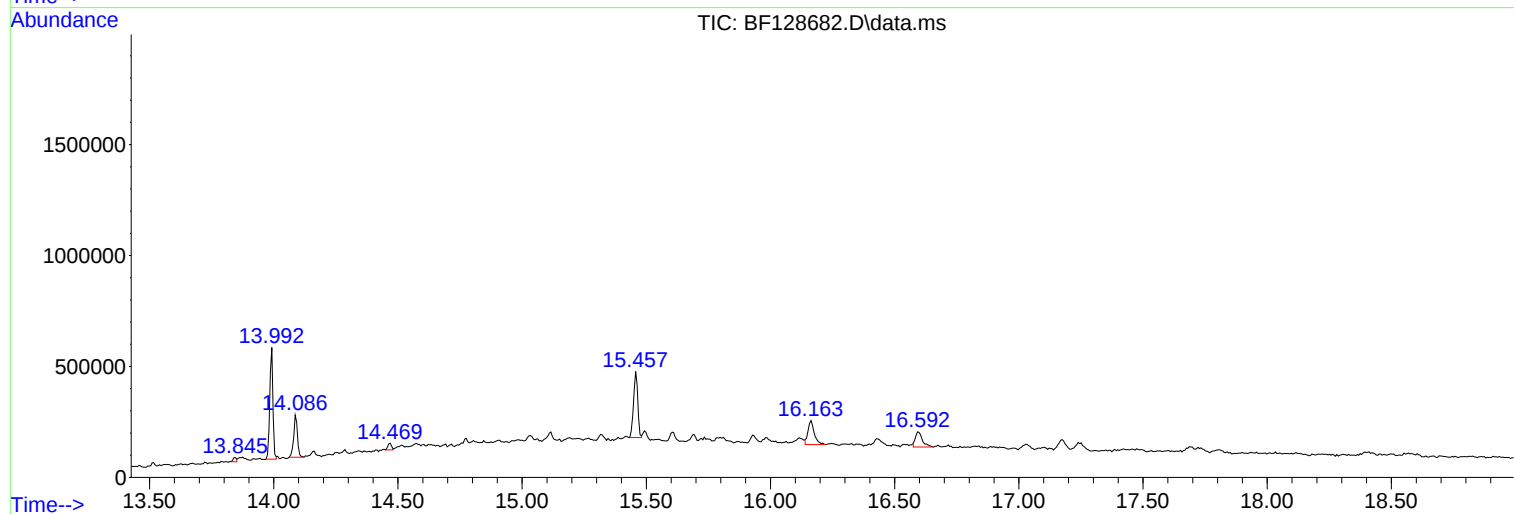
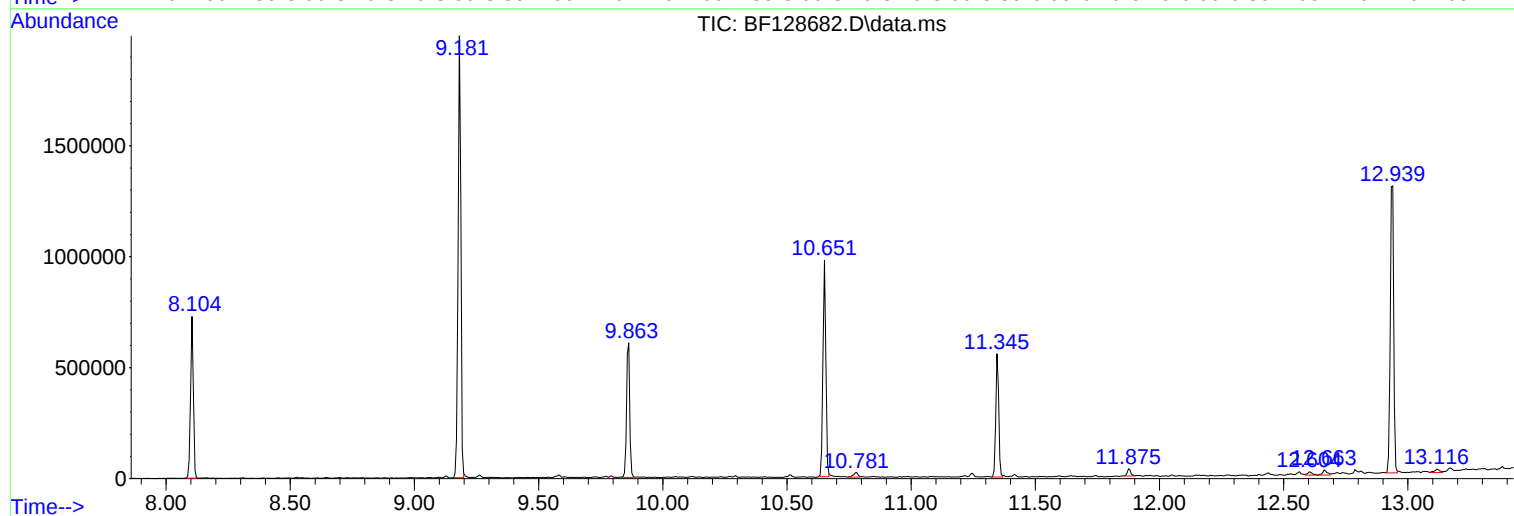
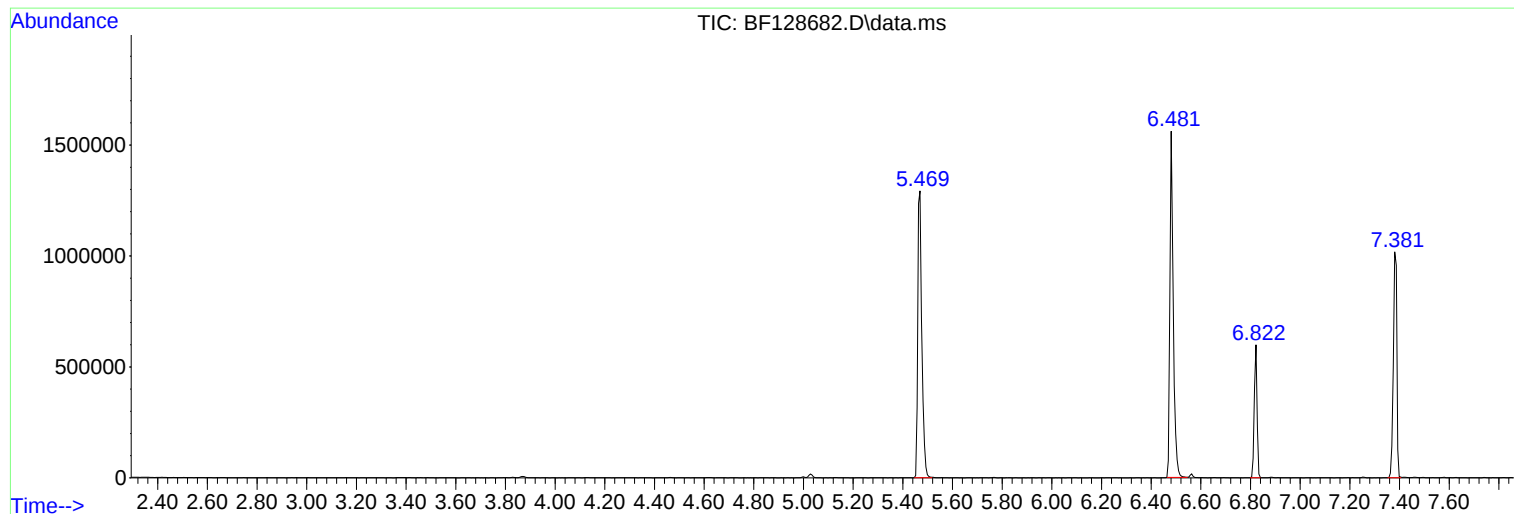
Sum of corrected areas: 11015348

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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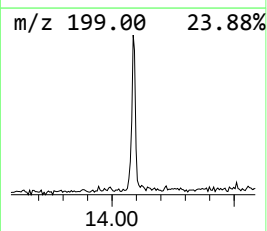
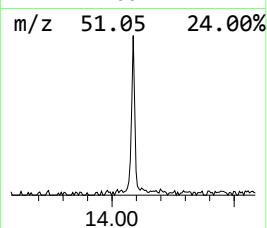
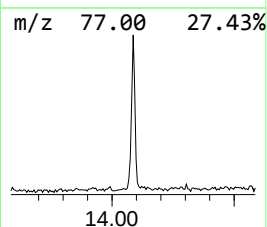
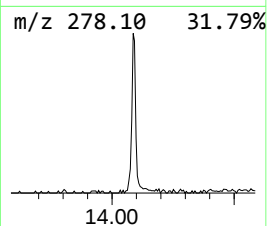
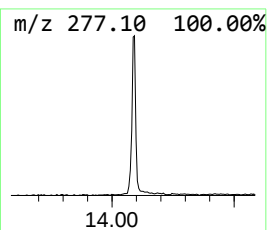
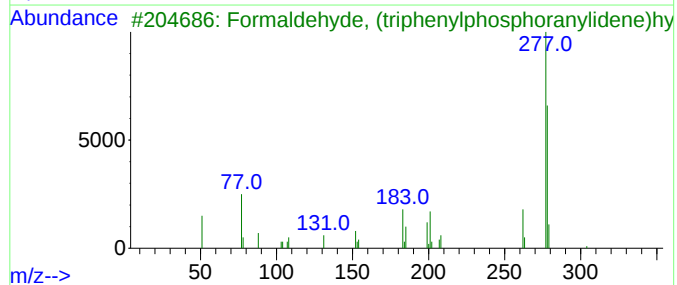
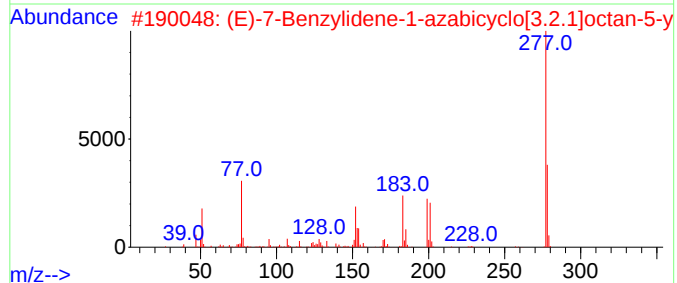
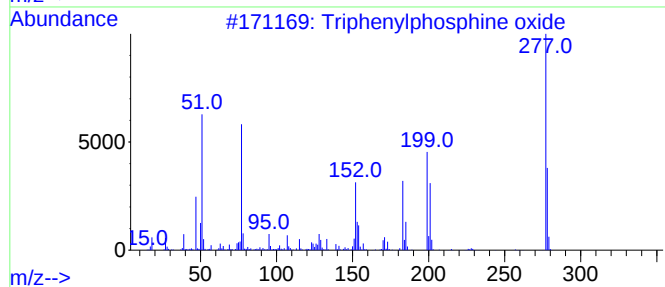
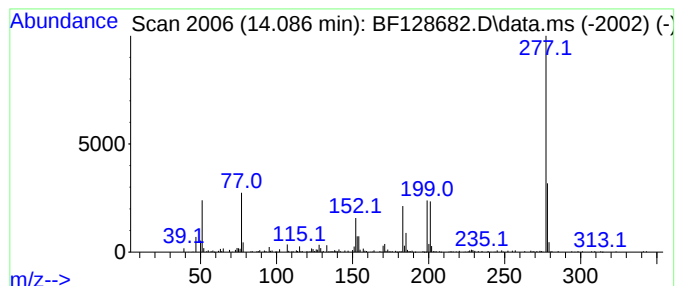
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Triphenylphosphine oxide Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.086 | 8.85 ng | 197672 | Chrysene-d12     | 13.992 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm    | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Triphenylphosphine oxide             | 278 | C18H15OP   | 000791-28-6  | 95   |
| 2    |    |   | (E)-7-Benzylidene-1-azabicyclo[3...] | 293 | C15H19NO3S | 1000483-83-4 | 87   |
| 3    |    |   | Formaldehyde, (triphenylphosphor...  | 304 | C19H17N2P  | 015990-54-2  | 42   |
| 4    |    |   | Benzoic acid, 2-(diphenylphosphi...  | 306 | C19H15O2P  | 017261-28-8  | 38   |
| 5    |    |   | Carbazol-1-one, 1,2,3,4-tetrahyd...  | 277 | C18H15NO2  | 299962-12-2  | 37   |



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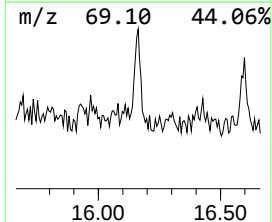
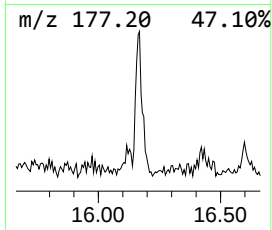
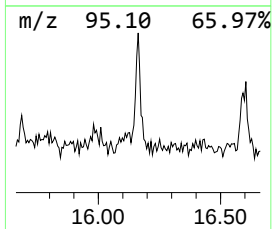
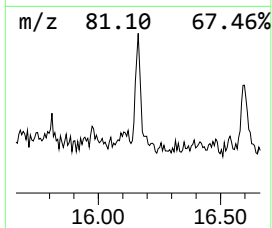
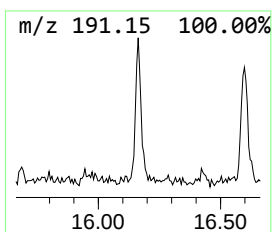
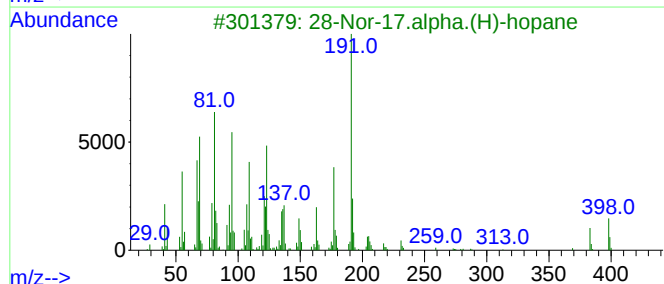
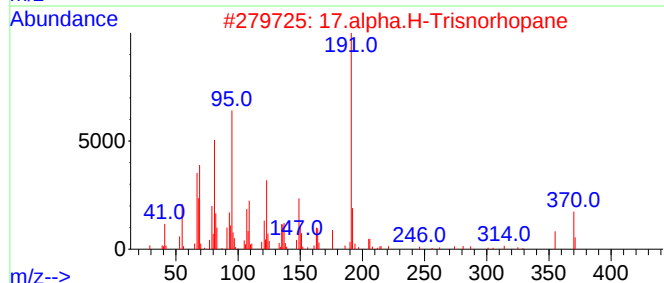
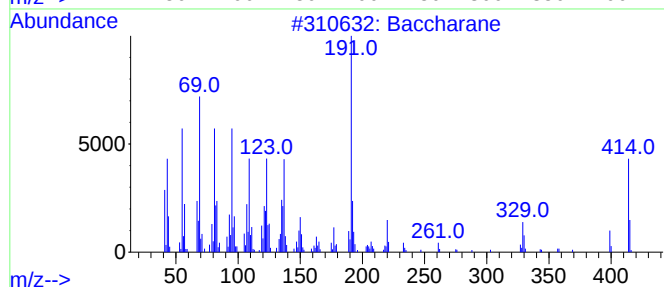
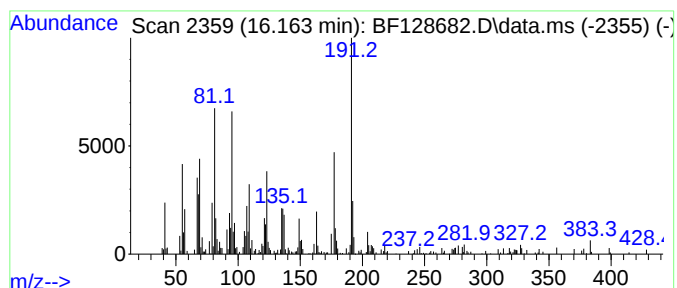
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Baccharane Concentration Rank 1

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 16.163 | 10.73 ng | 188186 | Perylene-d12     | 15.457 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Baccharane                          | 414 | C30H54  | 036441-74-4 | 72   |
| 2    |    |   | 17.alpha.H-Trisnorhopane            | 370 | C27H46  | 053584-59-1 | 59   |
| 3    |    |   | 28-Nor-17.alpha.(H)-hopane          | 398 | C29H50  | 053584-60-4 | 53   |
| 4    |    |   | 28-Nor-17.beta.(H)-hopane           | 398 | C29H50  | 036728-72-0 | 43   |
| 5    |    |   | Phenol, 2,6-bis(1,1-dimethylethyl)- | 206 | C14H22O | 000128-39-2 | 22   |



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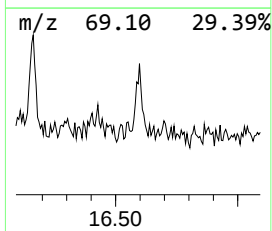
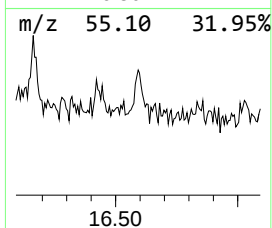
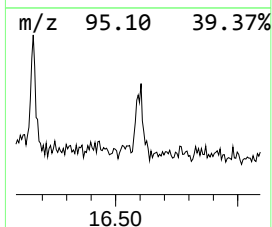
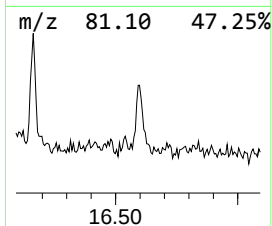
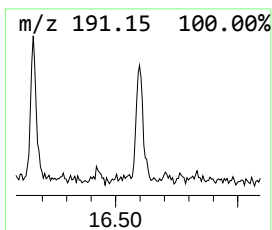
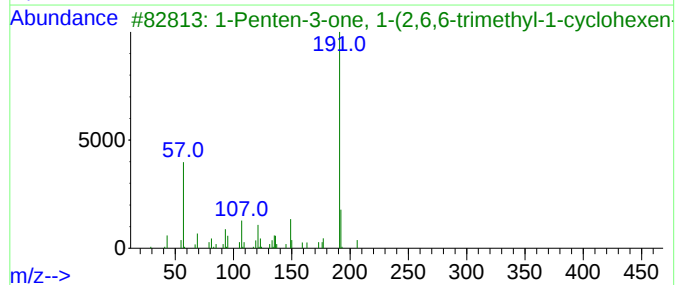
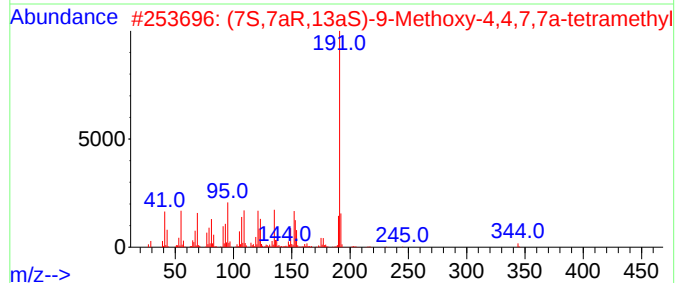
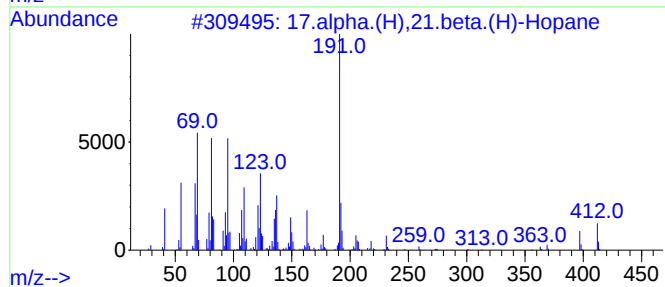
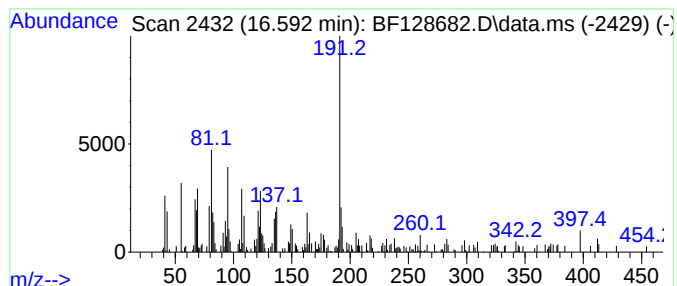
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Peak Number 3 17.alpha.(H),21.beta.(H)-Ho... Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.592 | 7.58 ng | 132975 | Perylene-d12     | 15.457 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | 17.alpha.(H),21.beta.(H)-Hopane     | 412 | C30H52      | 013849-96-2  | 97   |
| 2    |    |   | (7S,7aR,13aS)-9-Methoxy-4,4,7,7a... | 344 | C22H32O3    | 1000482-45-3 | 53   |
| 3    |    |   | 1-Penten-3-one, 1-(2,6,6-trimeth... | 206 | C14H22O     | 000127-43-5  | 43   |
| 4    |    |   | N-(4-Morpholin-4-yl-phenyl)-2-ni... | 377 | C17H19N3O5S | 1000374-81-7 | 38   |
| 5    |    |   | 2,3-Dimethyl-6-(3-methyl-butyryl... | 248 | C15H20O3    | 071940-30-2  | 38   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Triphenylphosph... | 14.086 | 8.8     | ng    | 197672   | 5                     | 13.992 | 446599 | 20.0 |
| Baccharane         | 16.163 | 10.7    | ng    | 188186   | 6                     | 15.457 | 350733 | 20.0 |
| 17.alpha.(H),21... | 16.592 | 7.6     | ng    | 132975   | 6                     | 15.457 | 350733 | 20.0 |