

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF030220\  
 Data File : BF119183.D  
 Acq On : 2 Mar 2020 22:19  
 Operator : CG/JU  
 Sample : L1743-16  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 C-1

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:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF022020.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         | 3.710       | 271           | 276         | 283          | rBV      | 18669          | 32203         | 1.17%           | 0.149%        |
| 2         | 5.357       | 553           | 556         | 580          | rBV      | 1746886        | 1884881       | 68.19%          | 8.704%        |
| 3         | 6.387       | 727           | 731         | 750          | rBV      | 2083039        | 1976638       | 71.51%          | 9.128%        |
| 4         | 6.739       | 787           | 791         | 799          | rBV      | 686139         | 610409        | 22.08%          | 2.819%        |
| 5         | 6.892       | 813           | 817         | 821          | rBV      | 2033706        | 1777471       | 64.31%          | 8.208%        |
| 6         | 7.304       | 882           | 887         | 900          | rBV      | 1283509        | 1310804       | 47.42%          | 6.053%        |
| 7         | 8.022       | 1005          | 1009        | 1018         | rBV      | 941914         | 844970        | 30.57%          | 3.902%        |
| 8         | 9.092       | 1187          | 1191        | 1195         | rBV      | 3088908        | 2764016       | 100.00%         | 12.764%       |
| 9         | 9.486       | 1255          | 1258        | 1268         | rBV      | 279837         | 252266        | 9.13%           | 1.165%        |
| 10        | 9.775       | 1303          | 1307        | 1310         | rBV      | 1165503        | 1066617       | 38.59%          | 4.925%        |
| 11        | 10.563      | 1437          | 1441        | 1456         | rBV      | 2083733        | 1891518       | 68.43%          | 8.735%        |
| 12        | 11.257      | 1555          | 1559        | 1566         | rBV      | 1286462        | 1117171       | 40.42%          | 5.159%        |
| 13        | 11.786      | 1646          | 1649        | 1652         | rBV      | 110308         | 110966        | 4.01%           | 0.512%        |
| 14        | 12.469      | 1762          | 1765        | 1768         | rBV      | 52895          | 63433         | 2.29%           | 0.293%        |
| 15        | 12.569      | 1779          | 1782        | 1788         | rBV4     | 43048          | 68717         | 2.49%           | 0.317%        |
| 16        | 12.698      | 1801          | 1804        | 1809         | rBV2     | 35760          | 47108         | 1.70%           | 0.218%        |
| 17        | 12.839      | 1823          | 1828        | 1831         | rBV      | 3057671        | 2683020       | 97.07%          | 12.390%       |
| 18        | 13.310      | 1905          | 1908        | 1911         | rBV      | 84063          | 76077         | 2.75%           | 0.351%        |
| 19        | 13.739      | 1978          | 1981        | 1990         | rBV4     | 120718         | 226067        | 8.18%           | 1.044%        |
| 20        | 13.868      | 2000          | 2003        | 2005         | rBV      | 1266227        | 1094489       | 39.60%          | 5.054%        |
| 21        | 13.898      | 2005          | 2008        | 2018         | rVB      | 849909         | 859992        | 31.11%          | 3.971%        |
| 22        | 14.633      | 2130          | 2133        | 2135         | rBV2     | 101370         | 115506        | 4.18%           | 0.533%        |
| 23        | 15.327      | 2247          | 2251        | 2255         | rBV      | 650309         | 781158        | 28.26%          | 3.607%        |

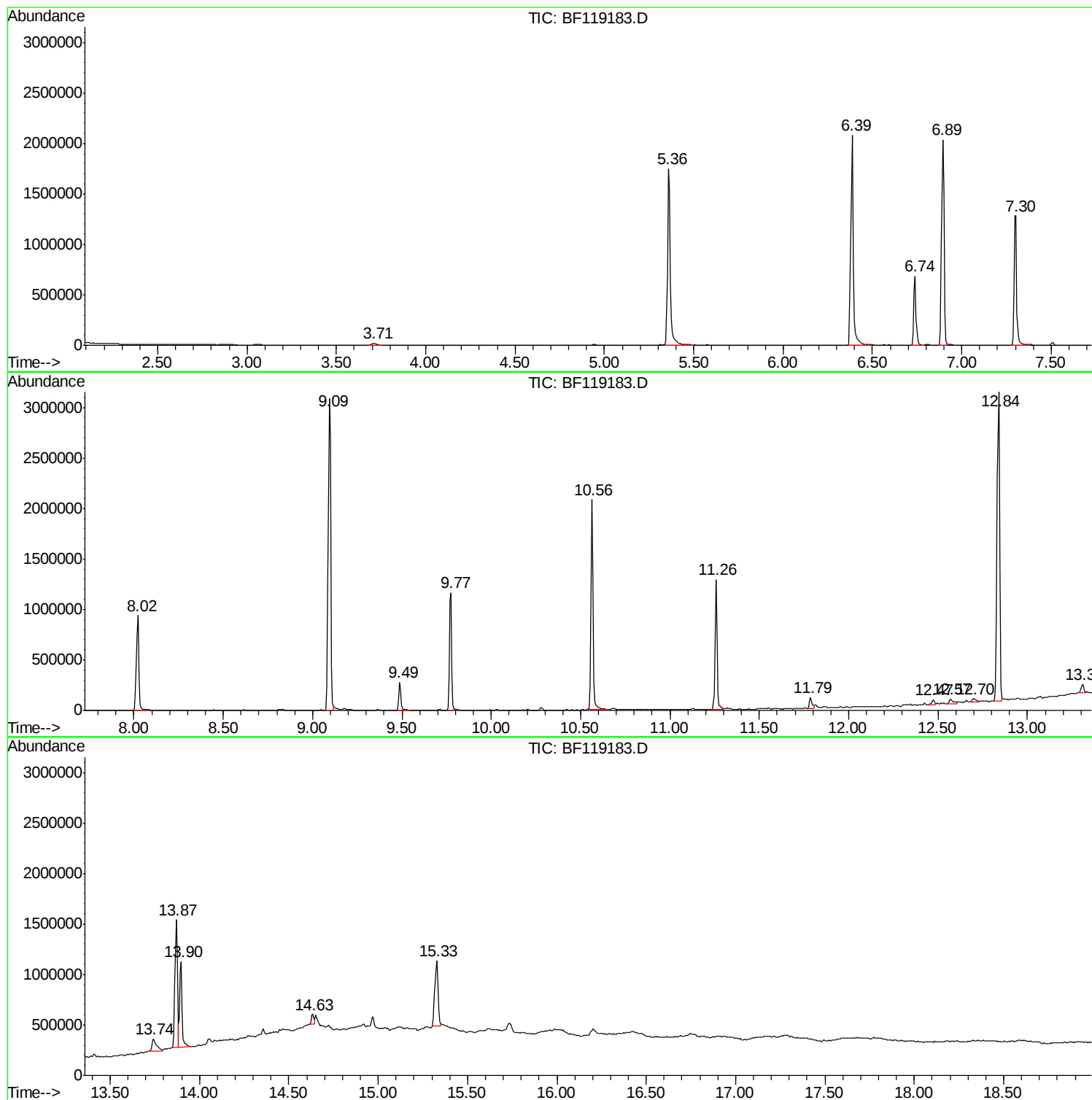
Sum of corrected areas: 21655497

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Instrument :  
BNA\_F  
ClientSampled :  
C-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF022020.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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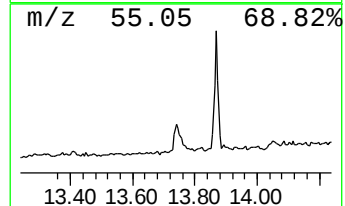
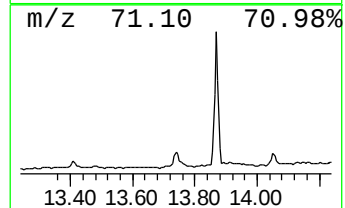
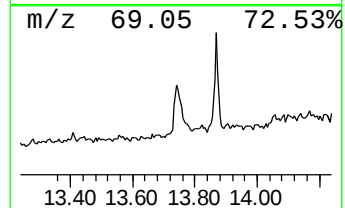
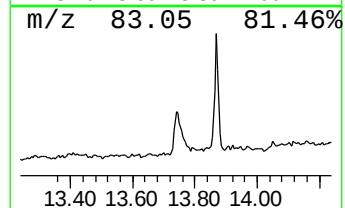
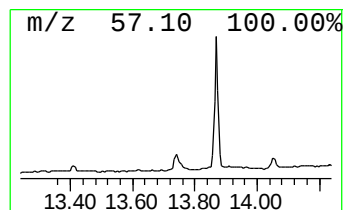
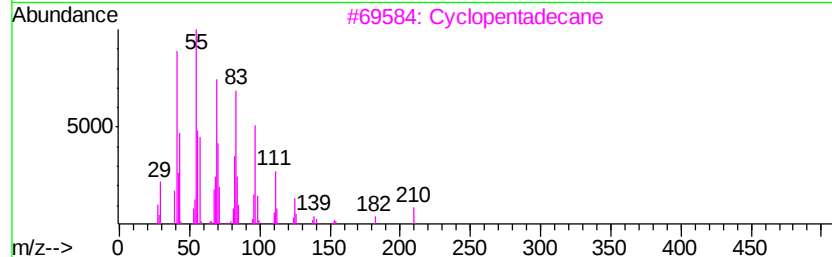
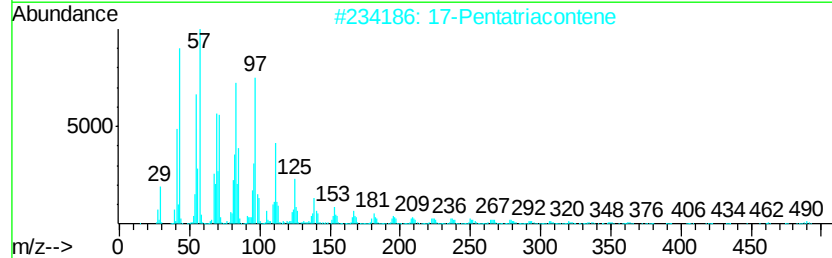
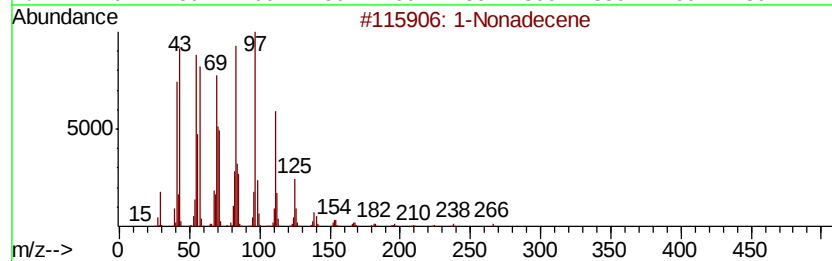
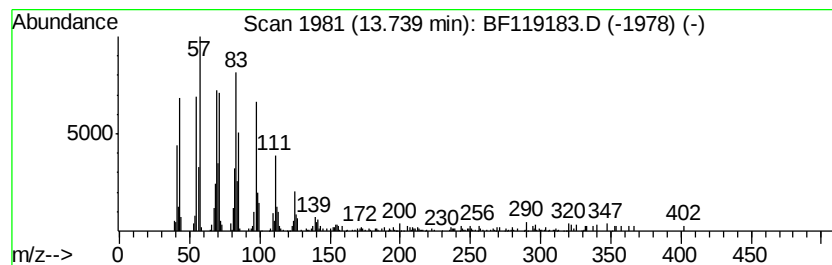
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Peak Number 2 1-Nonadecene Concentration Rank 2

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.74 | 5.26 ng | 226067 | Chrysene-d12     | 13.90 |

| Hit# | of | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------|-----|---------|-------------|------|
| 1    | 5  | 1-Nonadecene        | 266 | C19H38  | 018435-45-5 | 98   |
| 2    |    | 17-Pentatriacontene | 491 | C35H70  | 006971-40-0 | 94   |
| 3    |    | Cyclopentadecane    | 210 | C15H30  | 000295-48-7 | 93   |
| 4    |    | 1-Tricosene         | 322 | C23H46  | 018835-32-0 | 93   |
| 5    |    | 9-Tricosene, (Z)-   | 322 | C23H46  | 027519-02-4 | 93   |



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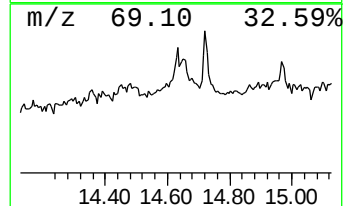
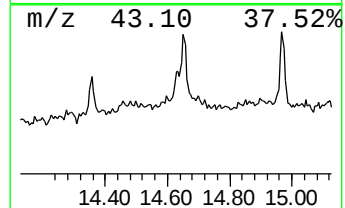
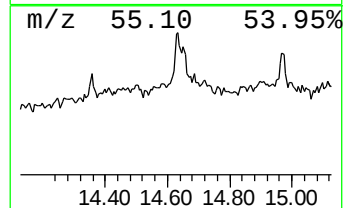
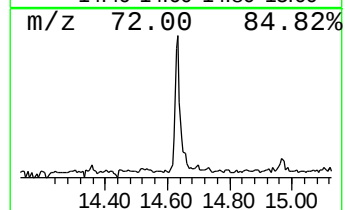
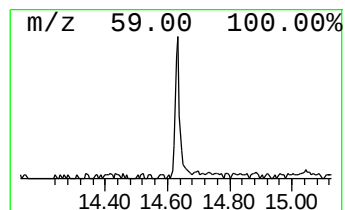
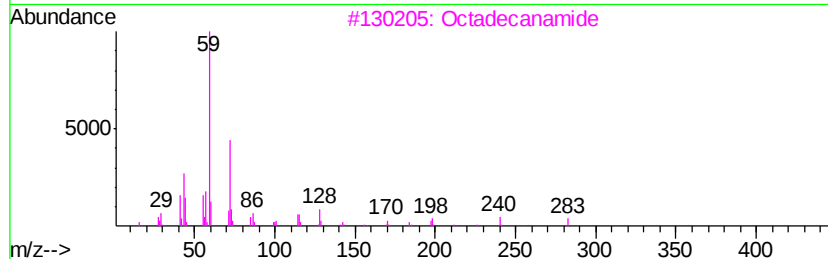
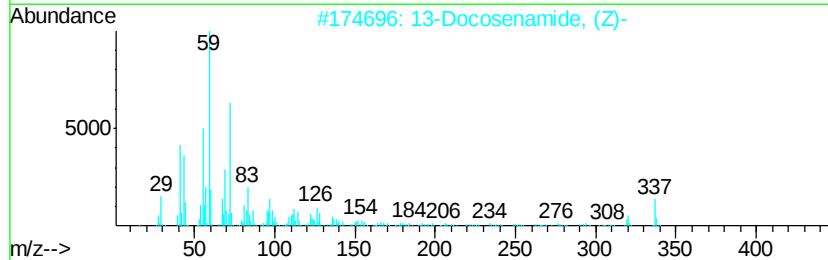
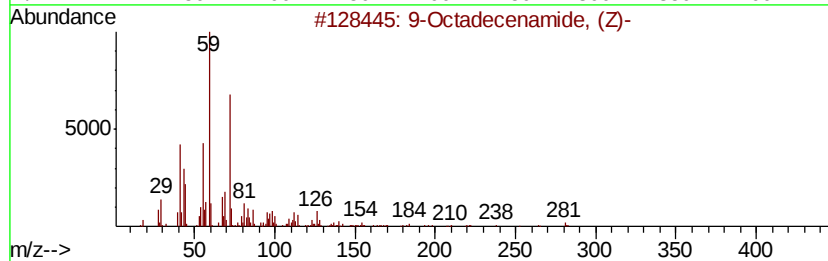
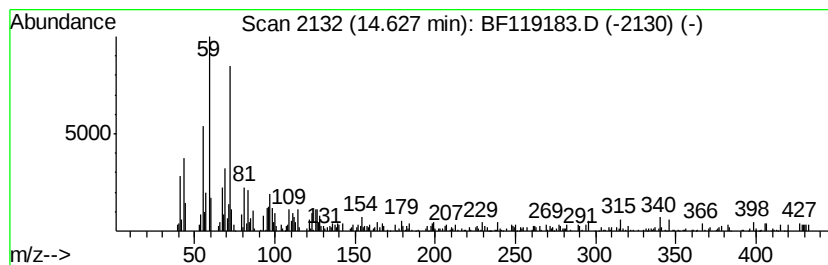
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Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.63 | 2.96 ng | 115506 | Perylene-d12     | 15.33 |

| Hit# | of | Tentative ID           | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------------|-----|----------|-------------|------|
| 1    | 5  | 9-Octadecenamide, (Z)- | 281 | C18H35NO | 000301-02-0 | 83   |
| 2    |    | 13-Docosenamide, (Z)-  | 337 | C22H43NO | 000112-84-5 | 78   |
| 3    |    | Octadecanamide         | 283 | C18H37NO | 000124-26-5 | 43   |
| 4    |    | Tetradecanamide        | 227 | C14H29NO | 000638-58-4 | 43   |
| 5    |    | Hexadecanamide         | 255 | C16H33NO | 000629-54-9 | 38   |



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| TIC Top Hit name      | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|-----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                       |       |         |       |          | #                     | RT    | Resp   | Conc |
| 1-Nonadecene          | 13.74 | 5.3     | ng    | 226067   | 5                     | 13.90 | 859992 | 20.0 |
| 9-Octadecenamide, ... | 14.63 | 3.0     | ng    | 115506   | 6                     | 15.33 | 781158 | 20.0 |