

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090618\  
 Data File : BM016695.D  
 Acq On : 06 Sep 2018 21:24  
 Operator : SJ/JU  
 Sample : J4798-11  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 090418-DBRI-E-D-B

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\_M\METHODS\8270-BM082118.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         | 5.516       | 374           | 379         | 393          | rBV      | 308592         | 586623        | 4.10%           | 1.546%        |
| 2         | 7.146       | 651           | 656         | 670          | rBV3     | 212183         | 393560        | 2.75%           | 1.037%        |
| 3         | 7.493       | 709           | 715         | 731          | rBV      | 870129         | 1528217       | 10.67%          | 4.028%        |
| 4         | 7.963       | 787           | 795         | 803          | rBV      | 300069         | 527709        | 3.69%           | 1.391%        |
| 5         | 8.275       | 841           | 848         | 859          | rBV      | 1684598        | 2678276       | 18.70%          | 7.059%        |
| 6         | 9.145       | 990           | 996         | 1015         | rBV      | 955042         | 1645759       | 11.49%          | 4.338%        |
| 7         | 10.763      | 1263          | 1271        | 1287         | rBV      | 310988         | 594582        | 4.15%           | 1.567%        |
| 8         | 13.216      | 1682          | 1688        | 1701         | rBV      | 3932399        | 5270832       | 36.81%          | 13.892%       |
| 9         | 14.604      | 1915          | 1924        | 1934         | rVB3     | 489549         | 822872        | 5.75%           | 2.169%        |
| 10        | 16.098      | 2172          | 2178        | 2194         | rBV      | 2880385        | 3977772       | 27.78%          | 10.484%       |
| 11        | 17.345      | 2385          | 2390        | 2400         | rBV      | 835969         | 1269060       | 8.86%           | 3.345%        |
| 12        | 18.204      | 2531          | 2536        | 2542         | rBV3     | 111466         | 162029        | 1.13%           | 0.427%        |
| 13        | 19.057      | 2676          | 2681        | 2687         | rBV5     | 77308          | 143481        | 1.00%           | 0.378%        |
| 14        | 19.939      | 2825          | 2831        | 2839         | rBV      | 13369255       | 14320200      | 100.00%         | 37.742%       |
| 15        | 21.498      | 3091          | 3096        | 3104         | rBV      | 1532131        | 2057051       | 14.36%          | 5.422%        |
| 16        | 23.756      | 3474          | 3480        | 3489         | rBV      | 954996         | 1964196       | 13.72%          | 5.177%        |

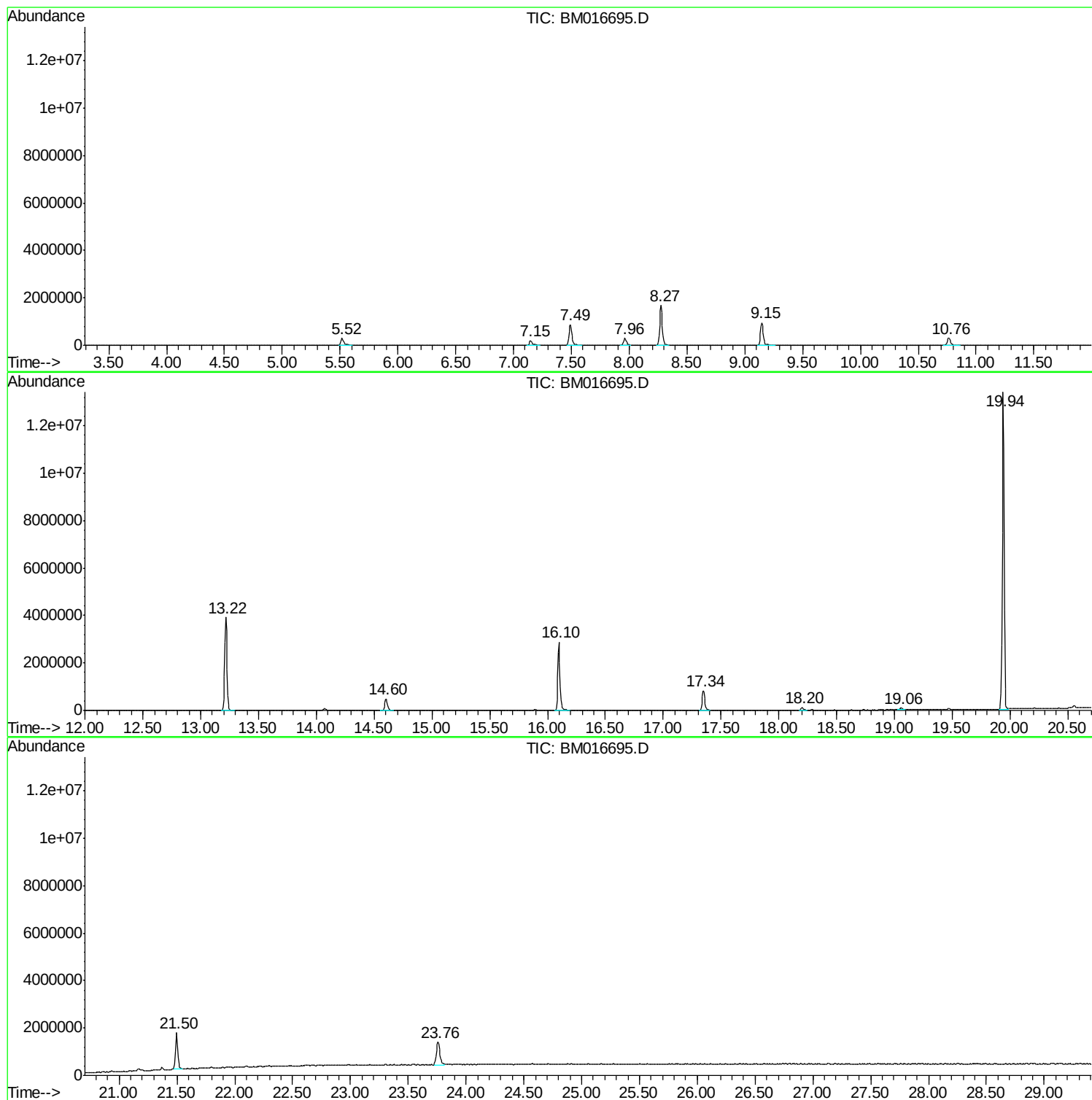
Sum of corrected areas: 37942219

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.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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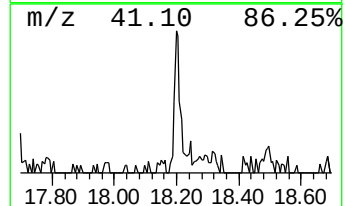
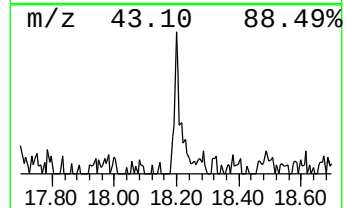
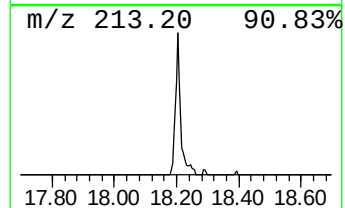
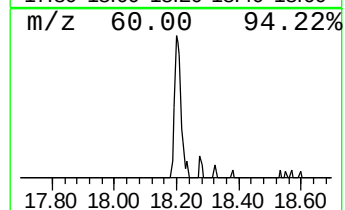
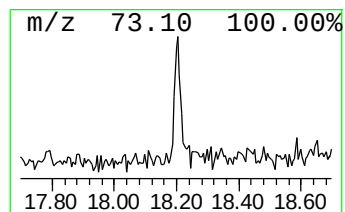
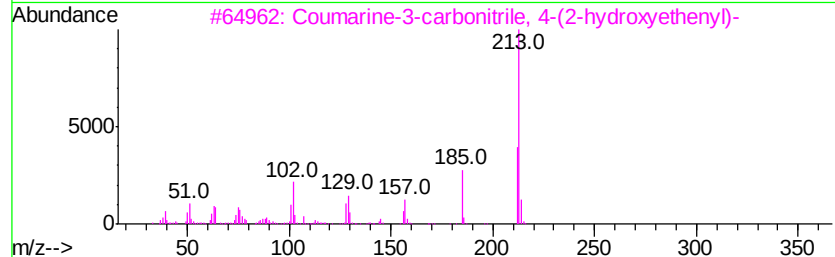
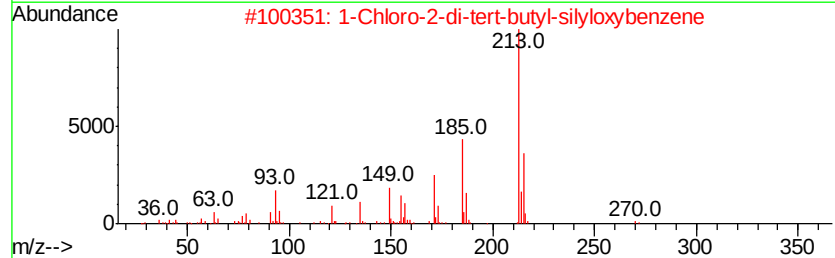
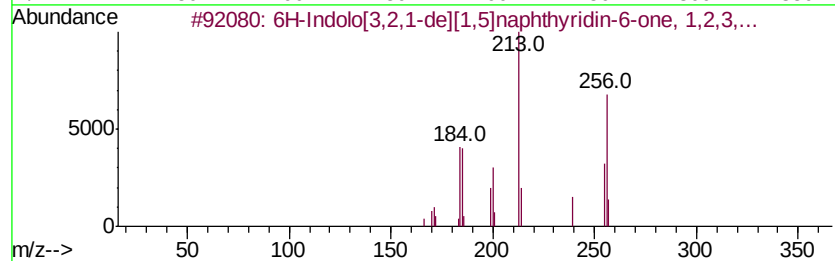
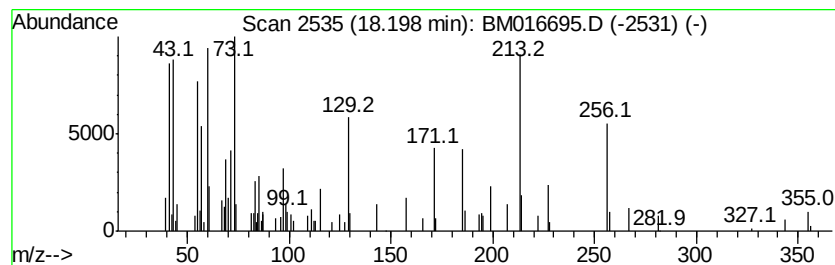
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 6H-Indolo[3,2,1-de][1,5]nap... Concentration Rank 3

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.         |      |      |
|---------|-------------------------------------|--------------|------------------|--------------|------|------|
| 18.20   | 2.55 ng                             | 162029       | Phenanthrene-d10 | 17.34        |      |      |
| Hit# of | 5                                   | Tentative ID | MW               | MolForm      | CAS# | Qual |
| 1       | 6H-Indolo[3,2,1-de][1,5]naphthyr... | 256          | C15H16N2O2       | 050630-67-6  | 64   |      |
| 2       | 1-Chloro-2-di-tert-butyl-silylox... | 270          | C14H23ClOSi      | 1000292-69-2 | 35   |      |
| 3       | Coumarine-3-carbonitrile, 4-(2-h... | 213          | C12H7N3O         | 1000270-09-9 | 35   |      |
| 4       | Tridecanoic acid                    | 214          | C13H26O2         | 000638-53-9  | 35   |      |
| 5       | Thiazolo[4,5-d]pyrimidin-7(4H)-one  | 213          | C7H7N3OS2        | 1000153-89-3 | 35   |      |



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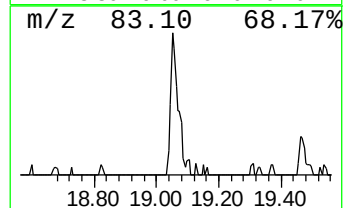
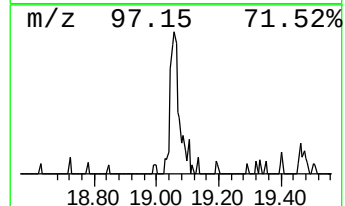
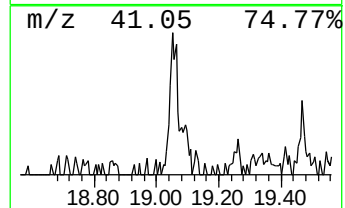
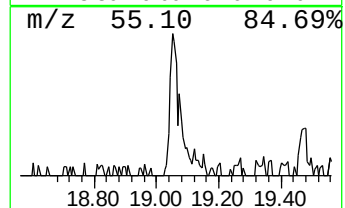
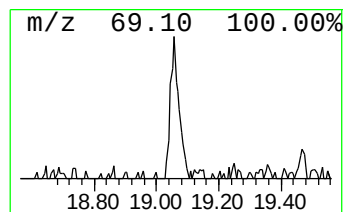
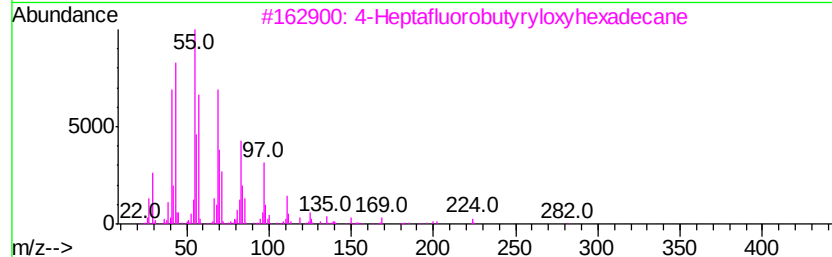
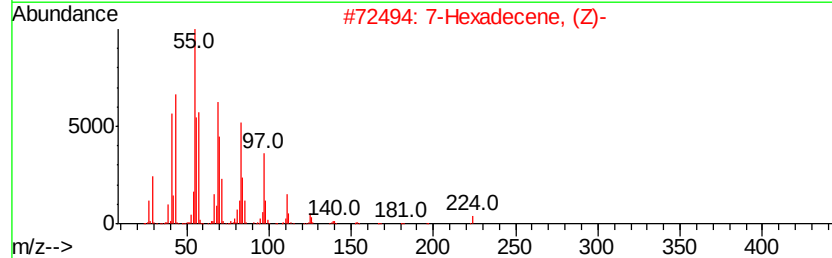
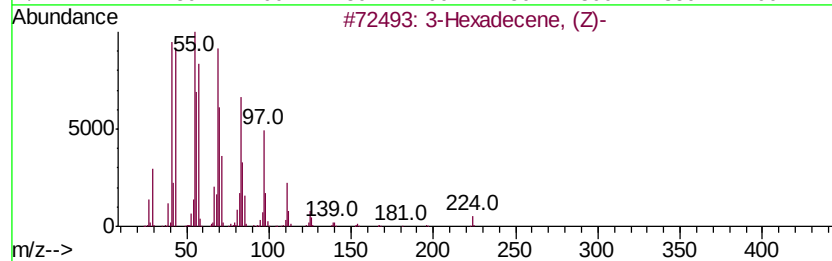
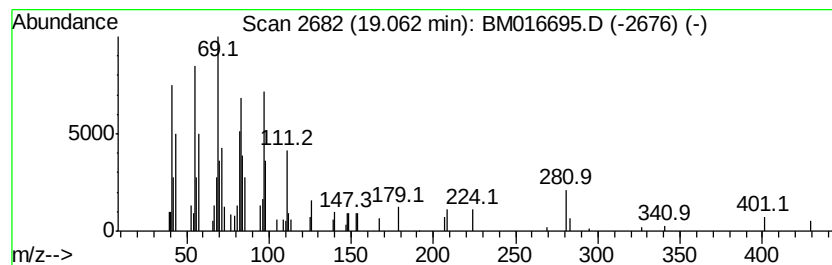
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Peak Number 4 3-Hexadecene, (Z)- Concentration Rank 4

| R.T.    | EstConc | Area                              | Relative to ISTD | R.T.       |              |      |
|---------|---------|-----------------------------------|------------------|------------|--------------|------|
| 19.06   | 2.26 ng | 143481                            | Phenanthrene-d10 | 17.34      |              |      |
| Hit# of | 5       | Tentative ID                      | MW               | MolForm    | CAS#         | Qual |
| 1       |         | 3-Hexadecene, (Z)-                | 224              | C16H32     | 034303-81-6  | 93   |
| 2       |         | 7-Hexadecene, (Z)-                | 224              | C16H32     | 035507-09-6  | 90   |
| 3       |         | 4-Heptafluorobutyrvloxyhexadecane | 438              | C20H33F7O2 | 1000282-97-2 | 74   |
| 4       |         | 9-Octadecene, (E)-                | 252              | C18H36     | 007206-25-9  | 72   |
| 5       |         | 2-Heptafluorobutyroxypentadecane  | 424              | C19H31F7O2 | 1000245-50-0 | 72   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 6H-Indolo[3,2,1-d... | 18.20 | 2.5     | ng    | 162029   | 4                     | 17.34 | 1269060 | 20.0 |
| 3-Hexadecene, (Z)-   | 19.06 | 2.3     | ng    | 143481   | 4                     | 17.34 | 1269060 | 20.0 |