

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\  
 Data File : BP000859.D  
 Acq On : 18 Oct 2019 01:04  
 Operator : JU  
 Sample : K5401-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 RBR200031-RT4221

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\_P\METHODS\8270-BP100119.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         | 5.375       | 555           | 559         | 582          | rBV      | 2992977        | 2793946       | 68.94%          | 8.070%        |
| 2         | 6.393       | 728           | 732         | 740          | rBV      | 3146966        | 2879168       | 71.04%          | 8.316%        |
| 3         | 6.522       | 750           | 754         | 757          | rBV      | 3674116        | 3066060       | 75.65%          | 8.856%        |
| 4         | 6.746       | 789           | 792         | 802          | rBV      | 1116416        | 1012198       | 24.98%          | 2.924%        |
| 5         | 6.905       | 815           | 819         | 822          | rBV      | 3175142        | 2531347       | 62.46%          | 7.312%        |
| 6         | 7.311       | 884           | 888         | 891          | rBV      | 2206783        | 1808669       | 44.63%          | 5.224%        |
| 7         | 8.034       | 1007          | 1011        | 1014         | rBV      | 1496023        | 1252813       | 30.91%          | 3.619%        |
| 8         | 9.116       | 1191          | 1195        | 1198         | rBV      | 4104423        | 3580336       | 88.34%          | 10.342%       |
| 9         | 9.510       | 1259          | 1262        | 1271         | rBV      | 562477         | 443168        | 10.93%          | 1.280%        |
| 10        | 9.799       | 1307          | 1311        | 1314         | rBV      | 1747198        | 1548014       | 38.20%          | 4.471%        |
| 11        | 10.593      | 1442          | 1446        | 1455         | rBV      | 2841084        | 2493387       | 61.52%          | 7.202%        |
| 12        | 11.293      | 1562          | 1565        | 1568         | rBV      | 1871957        | 1663618       | 41.05%          | 4.805%        |
| 13        | 11.316      | 1568          | 1569        | 1573         | rVV      | 177828         | 130336        | 3.22%           | 0.376%        |
| 14        | 11.369      | 1573          | 1578        | 1582         | rVB3     | 120908         | 131650        | 3.25%           | 0.380%        |
| 15        | 11.834      | 1654          | 1657        | 1661         | rBV      | 67155          | 66125         | 1.63%           | 0.191%        |
| 16        | 11.916      | 1668          | 1671        | 1674         | rBV      | 69683          | 70414         | 1.74%           | 0.203%        |
| 17        | 12.522      | 1771          | 1774        | 1778         | rBV      | 495571         | 402638        | 9.93%           | 1.163%        |
| 18        | 12.751      | 1808          | 1813        | 1816         | rBV      | 403709         | 403656        | 9.96%           | 1.166%        |
| 19        | 12.904      | 1834          | 1839        | 1842         | rBV      | 4368584        | 4052791       | 100.00%         | 11.706%       |
| 20        | 13.087      | 1864          | 1870        | 1874         | rBV      | 63161          | 95158         | 2.35%           | 0.275%        |
| 21        | 13.822      | 1991          | 1995        | 2002         | rBV2     | 299915         | 412786        | 10.19%          | 1.192%        |
| 22        | 13.969      | 2016          | 2020        | 2023         | rBV      | 1769951        | 1783880       | 44.02%          | 5.153%        |
| 23        | 13.998      | 2023          | 2025        | 2028         | rVB      | 150330         | 117634        | 2.90%           | 0.340%        |
| 24        | 15.022      | 2196          | 2199        | 2202         | rBV      | 131391         | 177967        | 4.39%           | 0.514%        |
| 25        | 15.322      | 2248          | 2250        | 2256         | rBV      | 68558          | 83463         | 2.06%           | 0.241%        |
| 26        | 15.451      | 2267          | 2272        | 2276         | rBV      | 1379902        | 1619050       | 39.95%          | 4.677%        |

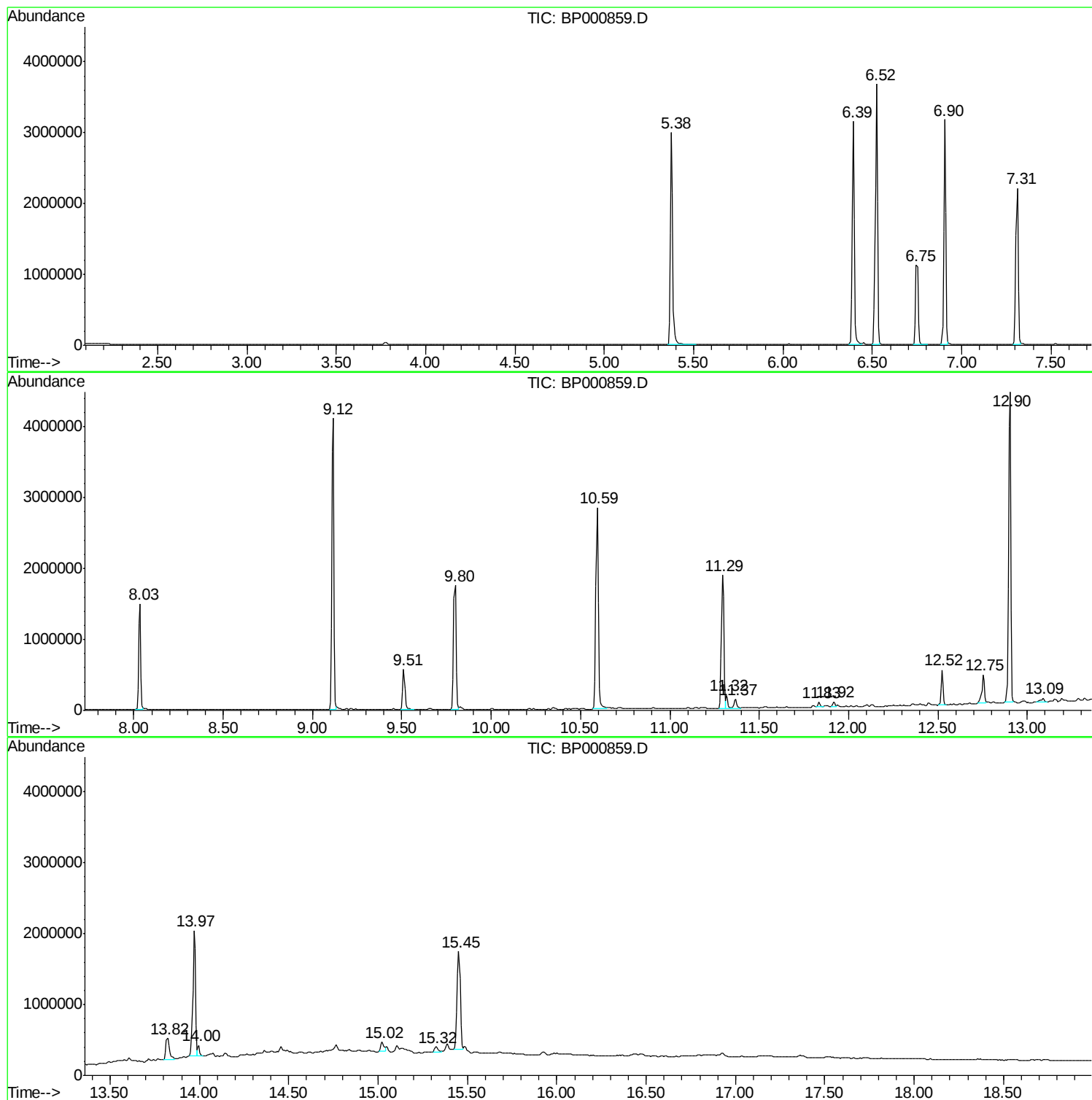
Sum of corrected areas: 34620272

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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.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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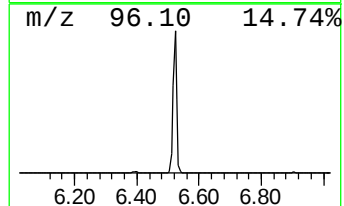
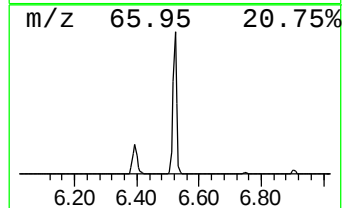
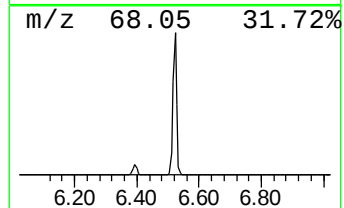
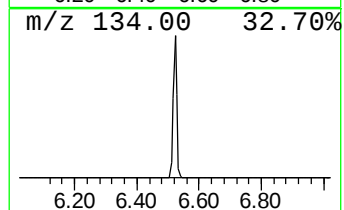
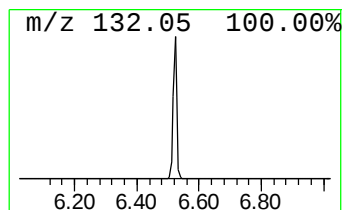
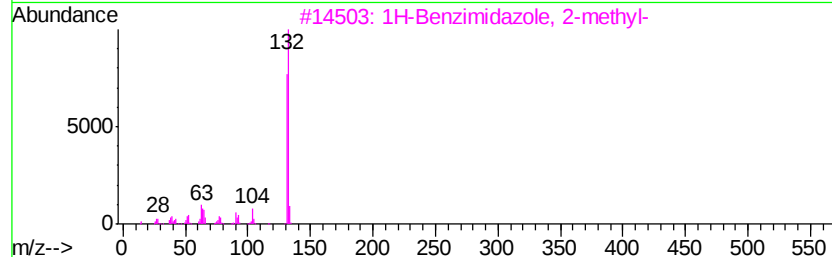
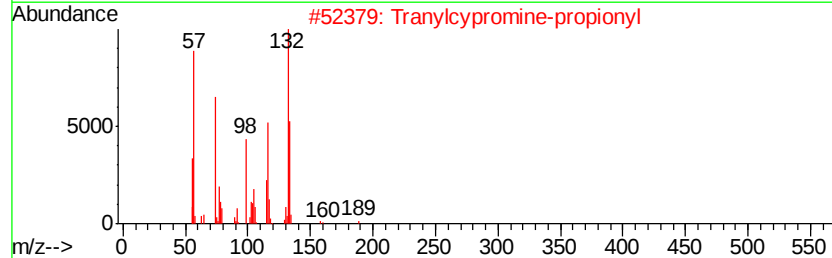
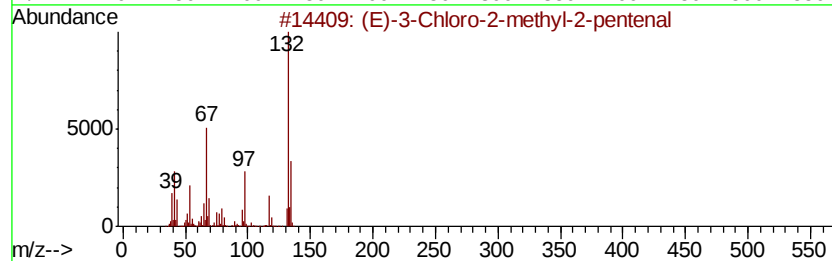
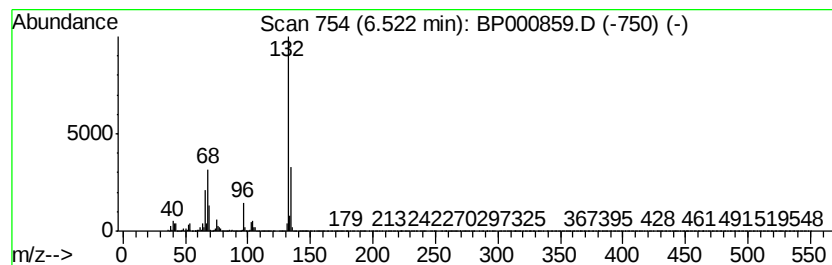
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Peak Number 1 unknown6.52 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.52 | 60.58 ng | 3066060 | 1,4-Dichlorobenzene-d4 | 6.75 |

| Hit# | of | Tentative ID                     | MW  | MolForm  | CAS#         | Qual |
|------|----|----------------------------------|-----|----------|--------------|------|
| 1    | 5  | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO  | 031357-76-3  | 25   |
| 2    |    | Tranlylcypromine-propionyl       | 189 | C12H15NO | 1000123-86-3 | 16   |
| 3    |    | 1H-Benzimidazole, 2-methyl-      | 132 | C8H8N2   | 000615-15-6  | 12   |
| 4    |    | Xenon                            | 132 | Xe       | 007440-63-3  | 9    |
| 5    |    | (5-Methyl-2-pyridyl)acetonitrile | 132 | C8H8N2   | 1000241-93-9 | 9    |



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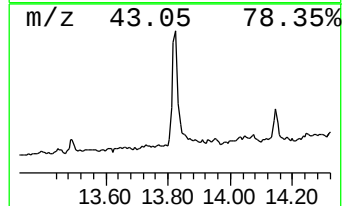
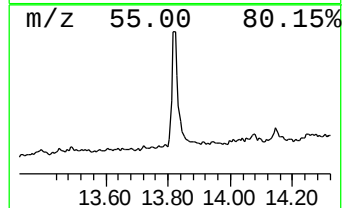
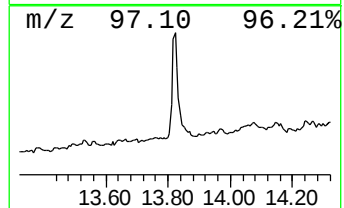
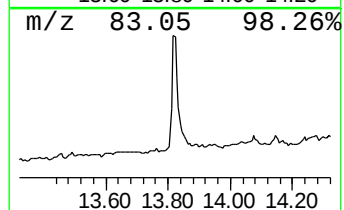
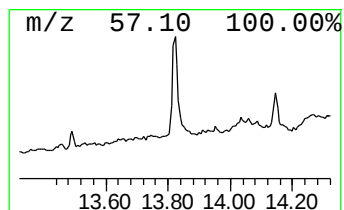
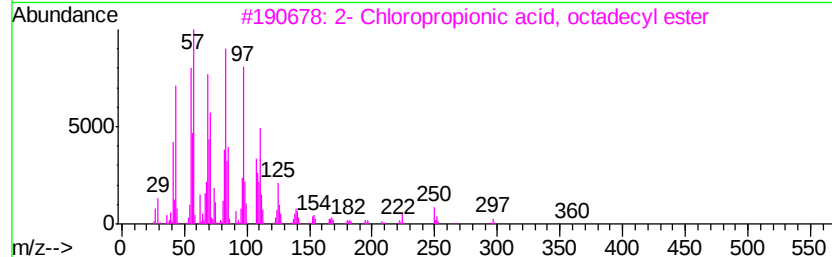
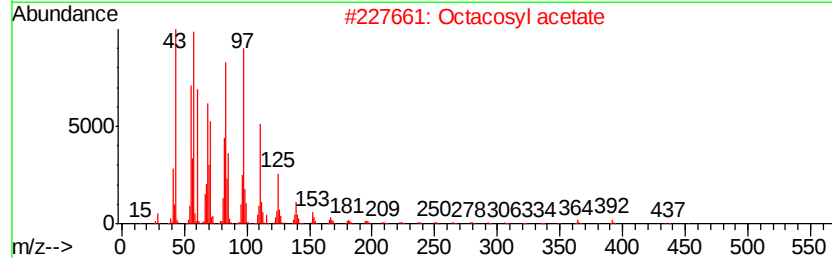
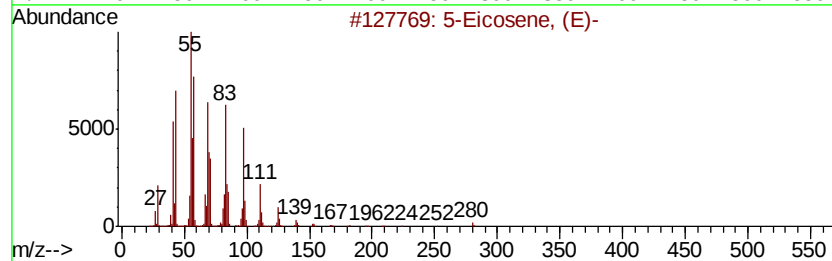
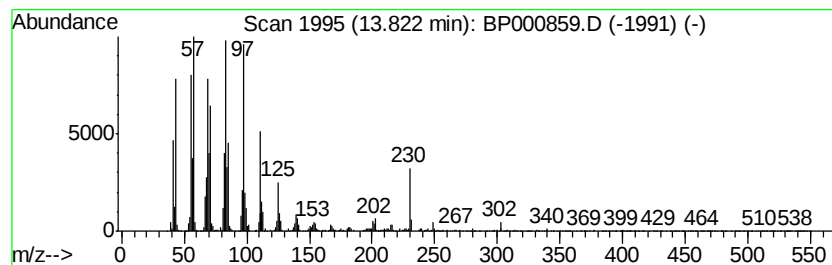
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\*\*\*\*\*  
Peak Number 3 5-Eicosene, (E)- Concentration Rank 3

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 13.82     | 4.63 ng                             | 412786 | Chrysene-d12     | 13.97        |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 5-Eicosene, (E)-                    | 280    | C20H40           | 074685-30-6  | 98   |
| 2         | Octacosyl acetate                   | 452    | C30H60O2         | 018206-97-8  | 96   |
| 3         | 2- Chloropropionic acid, octadec... | 360    | C21H41ClO2       | 088104-31-8  | 94   |
| 4         | Nonadecyl trifluoroacetate          | 380    | C21H39F3O2       | 1000351-76-3 | 94   |
| 5         | 17-Pentatriacontene                 | 491    | C35H70           | 006971-40-0  | 93   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                  |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown6.52      | 6.52  | 60.6    | ng    | 3066060  | 1                     | 6.75  | 1012200 | 20.0 |
| 5-Eicosene, (E)- | 13.82 | 4.6     | ng    | 412786   | 5                     | 13.97 | 1783880 | 20.0 |