

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF061215\  
 Data File : BF079961.D  
 Acq On : 13 Jun 2015 6:19  
 Operator : TP/IZ  
 Sample : G2612-01 5X  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1506013175

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:\HPCHEM1\BNA\_F\METHODS\8270-BF061115.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         | 2.227       | 89            | 91          | 94           | rVB      | 648557         | 786559        | 81.16%          | 9.439%        |
| 2         | 2.330       | 99            | 100         | 126          | rVB      | 285004         | 712328        | 73.50%          | 8.548%        |
| 3         | 5.987       | 418           | 420         | 422          | rBV      | 205091         | 198579        | 20.49%          | 2.383%        |
| 4         | 6.970       | 504           | 506         | 508          | rBV      | 254026         | 198375        | 20.47%          | 2.381%        |
| 5         | 7.142       | 519           | 521         | 523          | rBV      | 235694         | 198579        | 20.49%          | 2.383%        |
| 6         | 7.370       | 540           | 541         | 544          | rBV      | 210082         | 266126        | 27.46%          | 3.194%        |
| 7         | 7.530       | 553           | 555         | 558          | rVB      | 161043         | 158473        | 16.35%          | 1.902%        |
| 8         | 8.662       | 652           | 654         | 657          | rBV      | 300569         | 375188        | 38.71%          | 4.502%        |
| 9         | 9.736       | 746           | 748         | 751          | rVB      | 224816         | 256931        | 26.51%          | 3.083%        |
| 10        | 10.445      | 808           | 810         | 812          | rVB      | 392386         | 459581        | 47.42%          | 5.515%        |
| 11        | 11.942      | 939           | 941         | 944          | rBV      | 638935         | 540887        | 55.81%          | 6.491%        |
| 12        | 13.577      | 1082          | 1084        | 1087         | rBV      | 384301         | 338848        | 34.96%          | 4.066%        |
| 13        | 14.788      | 1187          | 1190        | 1193         | rBV      | 561186         | 603091        | 62.23%          | 7.237%        |
| 14        | 15.691      | 1266          | 1269        | 1278         | rBV2     | 170785         | 397414        | 41.01%          | 4.769%        |
| 15        | 16.148      | 1306          | 1309        | 1317         | rVB      | 277218         | 504968        | 52.11%          | 6.060%        |
| 16        | 16.617      | 1347          | 1350        | 1361         | rVB      | 391585         | 653872        | 67.47%          | 7.847%        |
| 17        | 17.211      | 1398          | 1402        | 1414         | rBV      | 455105         | 969129        | 100.00%         | 11.630%       |
| 18        | 17.566      | 1429          | 1433        | 1442         | rBV      | 145557         | 316948        | 32.70%          | 3.804%        |
| 19        | 19.280      | 1578          | 1583        | 1590         | rBV2     | 133976         | 397023        | 40.97%          | 4.765%        |

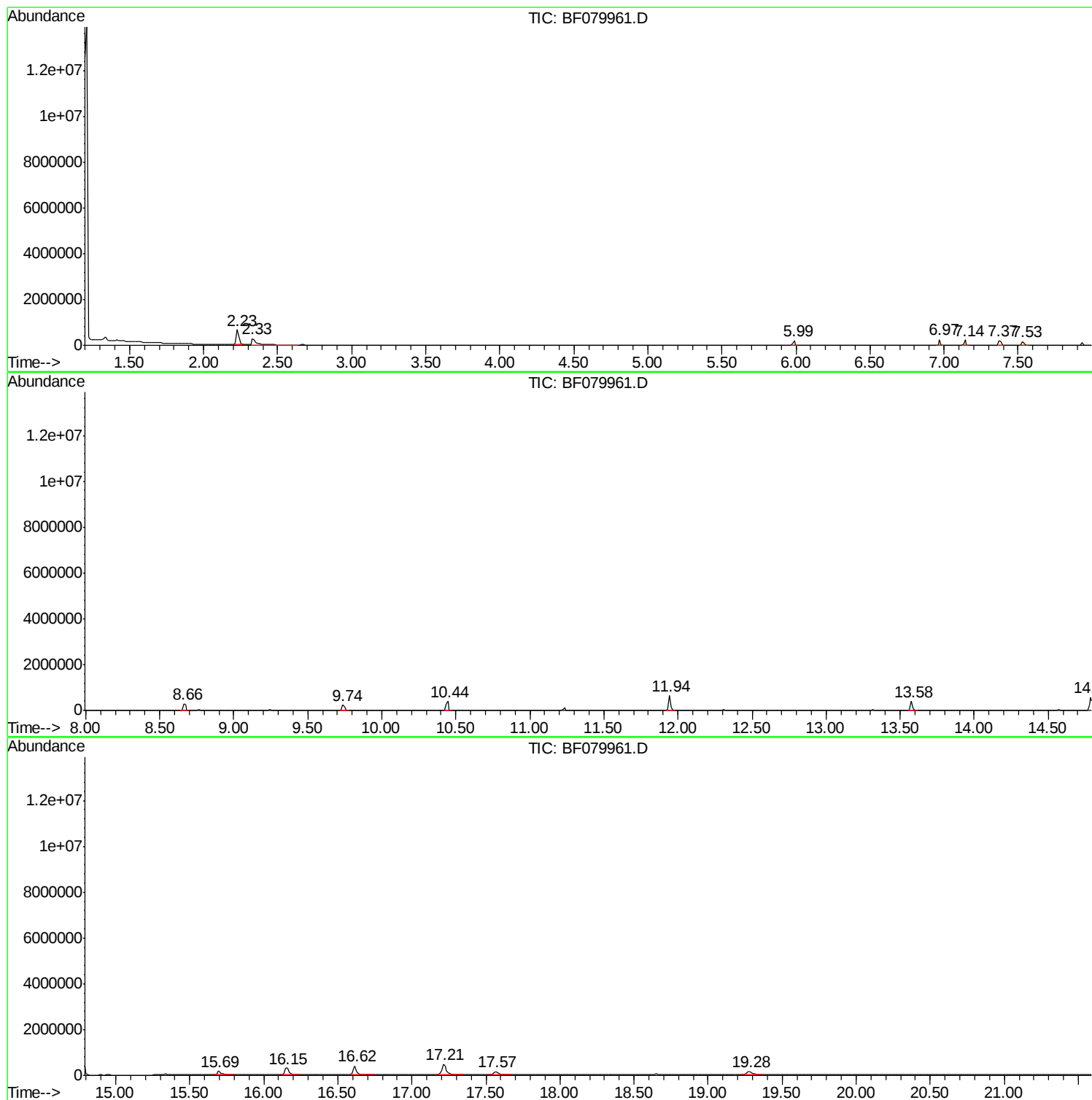
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Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1506013175

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061115.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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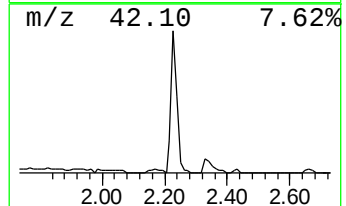
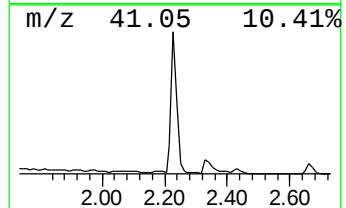
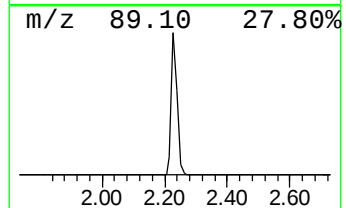
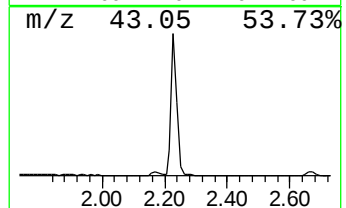
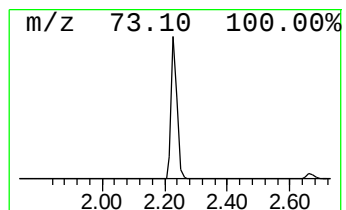
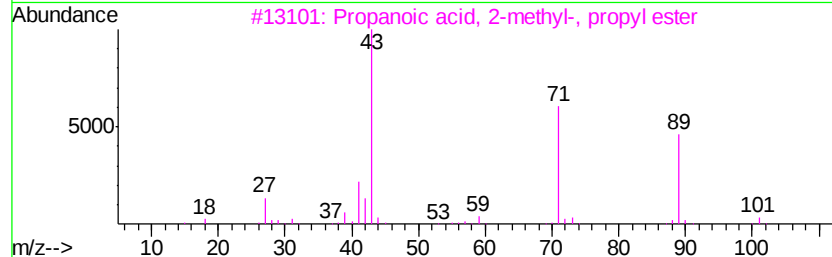
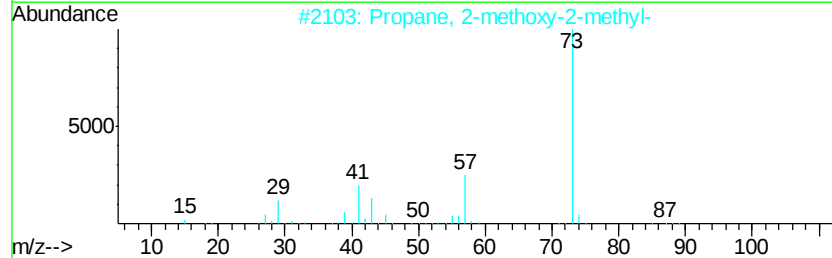
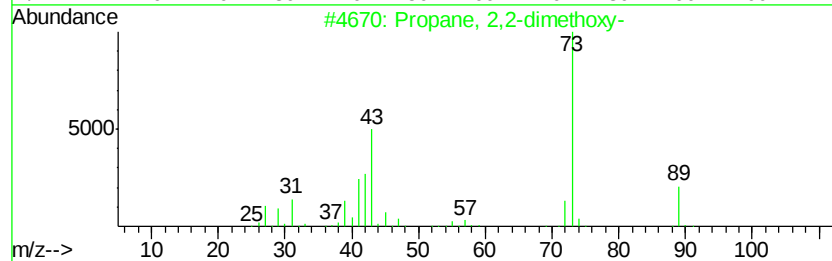
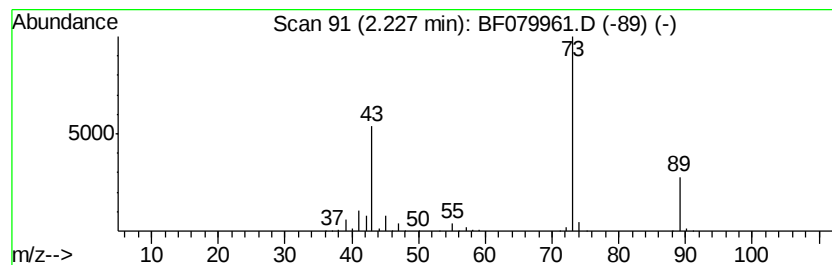
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 2.23 | 59.11 ng | 786559 | 1,4-Dichlorobenzene-d4 | 7.38 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Propane, 2,2-dimethoxy-             | 104 | C5H12O2 | 000077-76-9 | 72   |
| 2    |    | Propane, 2-methoxy-2-methyl-        | 88  | C5H12O  | 001634-04-4 | 9    |
| 3    |    | Propanoic acid, 2-methyl-, propy... | 130 | C7H14O2 | 000644-49-5 | 9    |
| 4    |    | Acetamide, N-methyl-                | 73  | C3H7NO  | 000079-16-3 | 7    |
| 5    |    | Borane, dimethoxy-                  | 74  | C2H7BO2 | 004542-61-4 | 7    |



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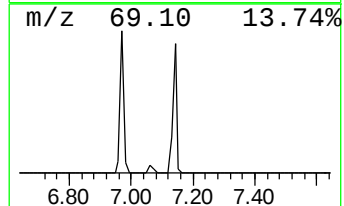
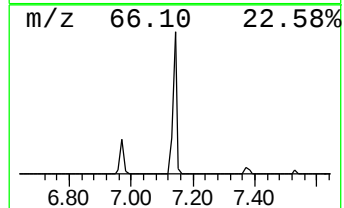
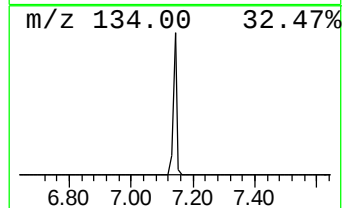
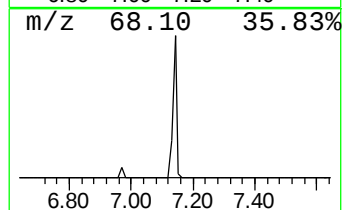
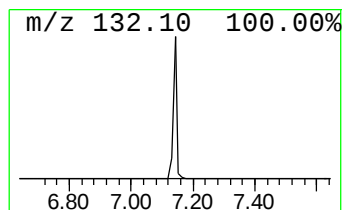
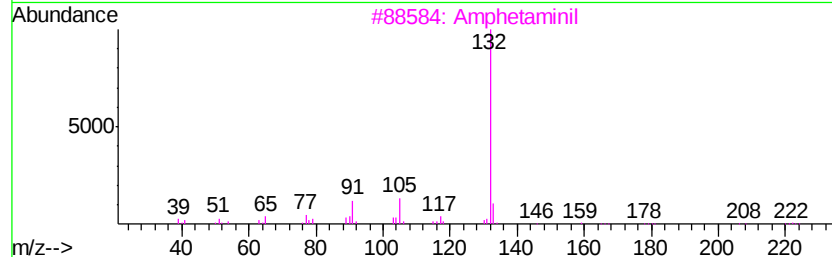
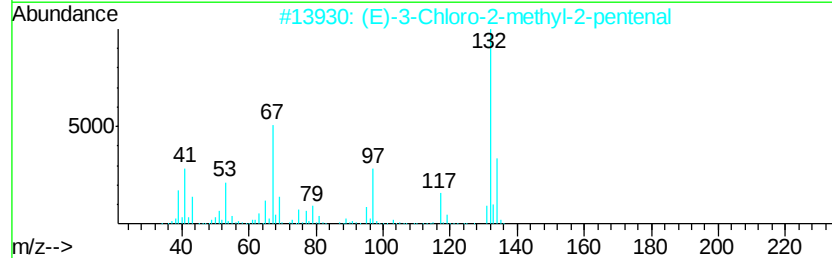
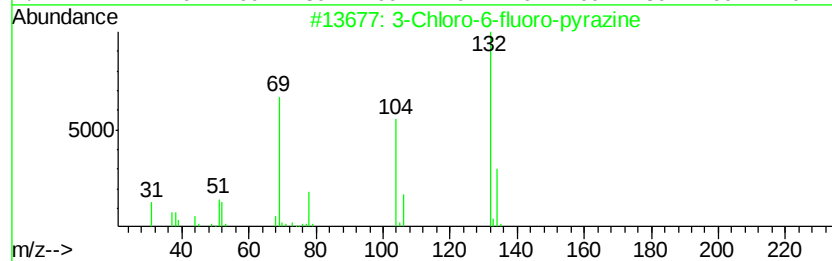
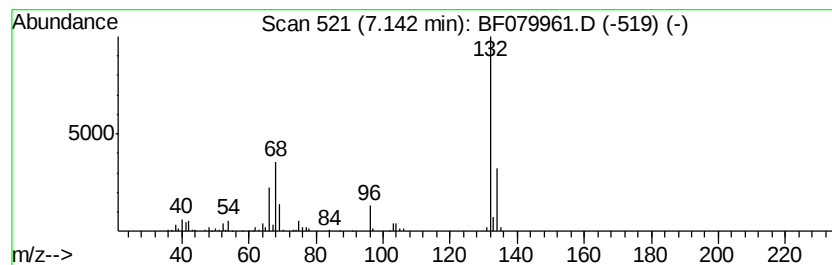
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TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 unknown7.14 Concentration Rank 5

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.14 | 14.92 ng | 198579 | 1,4-Dichlorobenzene-d4 | 7.38 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | Amphetaminil                        | 250 | C17H18N2  | 017590-01-1  | 12   |
| 4    |    | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 5    |    | 2H-Cyclopenta[d]pyridazine, 2-me... | 132 | C8H8N2    | 022291-85-6  | 9    |



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ALS Vial : 25 Sample Multiplier: 1

Instrument :  
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061115.M  
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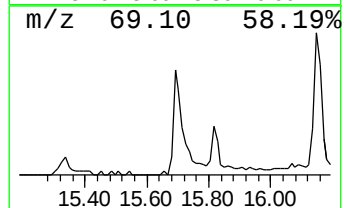
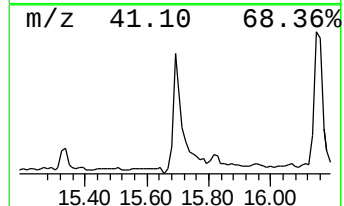
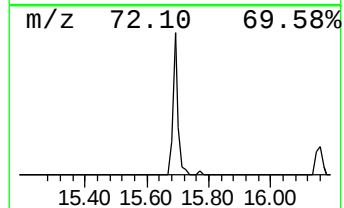
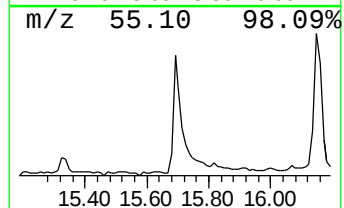
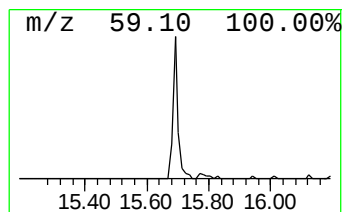
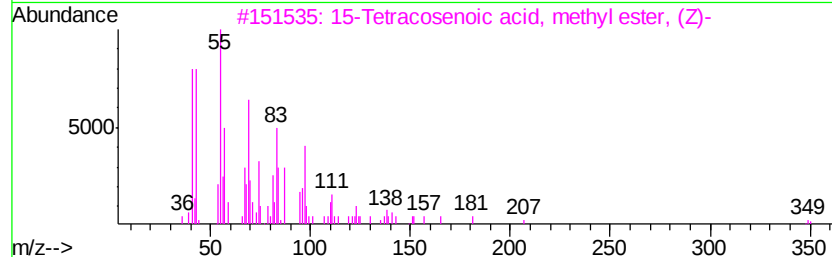
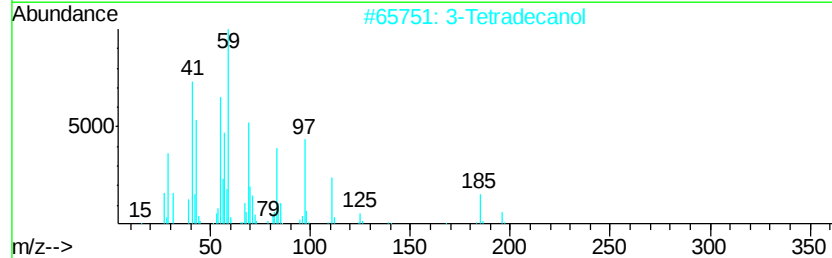
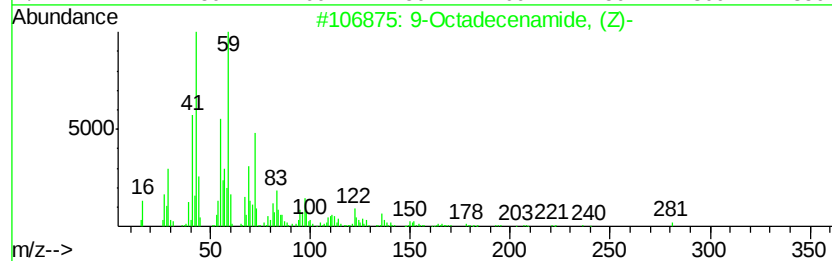
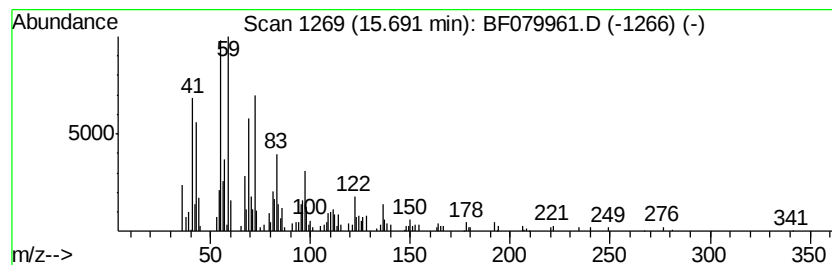
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 6

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 15.69 | 13.18 ng | 397414 | Chrysene-d12     | 14.79 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|---------|---|-------------------------------------|-----|----------|-------------|------|
| 1       |   | 9-Octadecenamide, (Z)-              | 281 | C18H35NO | 000301-02-0 | 81   |
| 2       |   | 3-Tetradecanol                      | 214 | C14H30O  | 001653-32-3 | 43   |
| 3       |   | 15-Tetracosenoic acid, methyl es... | 380 | C25H48O2 | 002733-88-2 | 30   |
| 4       |   | Pentanal, oxime                     | 101 | C5H11NO  | 000628-79-5 | 27   |
| 5       |   | 9-Oxabicyclo[6.1.0]nonane           | 126 | C8H14O   | 000286-62-4 | 25   |



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Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061115.M  
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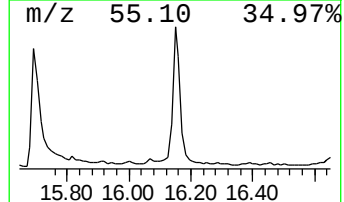
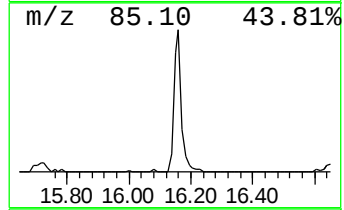
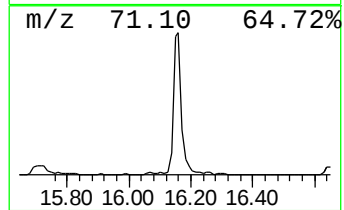
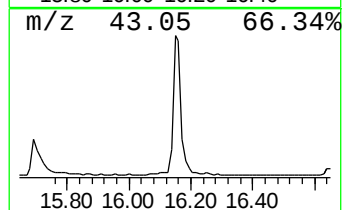
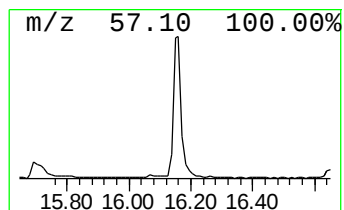
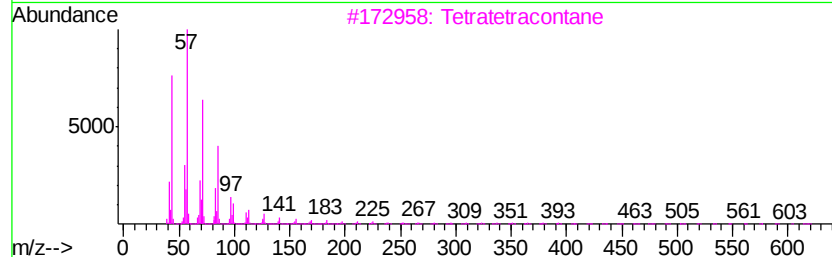
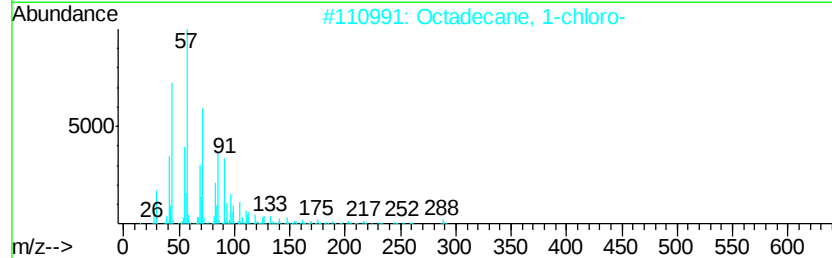
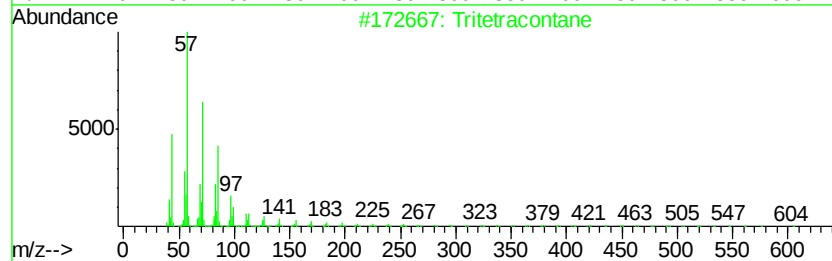
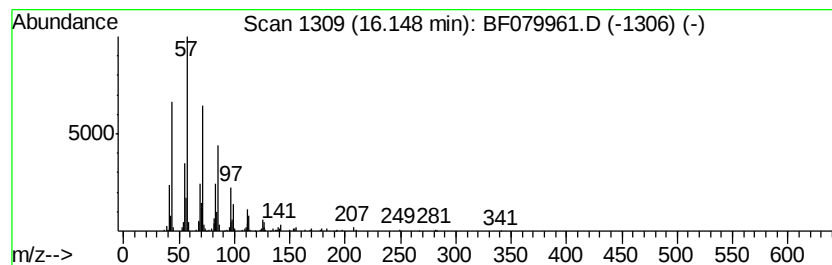
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Tritetracontane Concentration Rank 4

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 16.15 | 15.45 ng | 504968 | Perylene-d12     | 16.62 |

| Hit# of | 5 | Tentative ID          | MW  | MolForm  | CAS#        | Qual |
|---------|---|-----------------------|-----|----------|-------------|------|
| 1       |   | Tritetracontane       | 605 | C43H88   | 007098-21-7 | 91   |
| 2       |   | Octadecane, 1-chloro- | 288 | C18H37Cl | 003386-33-2 | 86   |
| 3       |   | Tetratetracontane     | 619 | C44H90   | 007098-22-8 | 83   |
| 4       |   | Octadecane            | 254 | C18H38   | 000593-45-3 | 64   |
| 5       |   | Eicosane              | 282 | C20H42   | 000112-95-8 | 64   |



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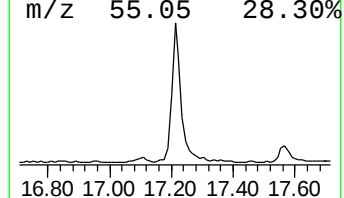
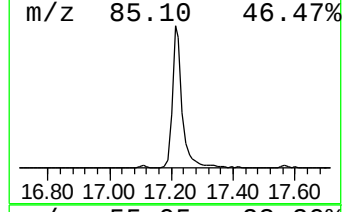
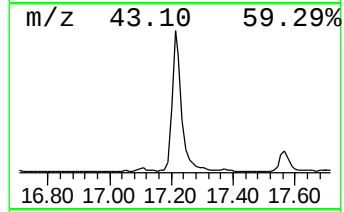
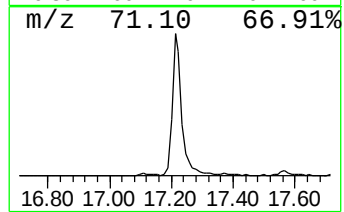
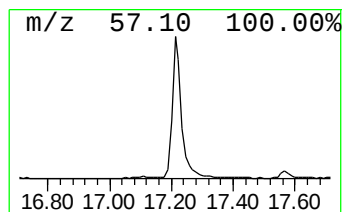
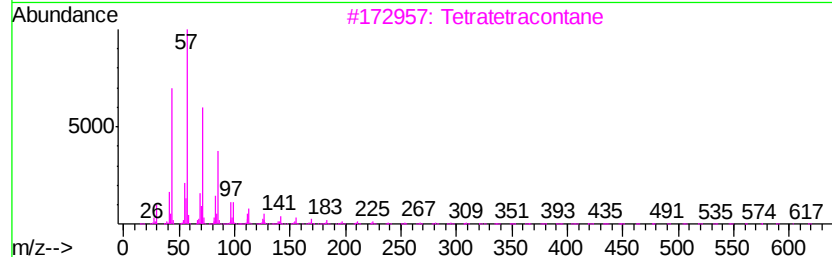
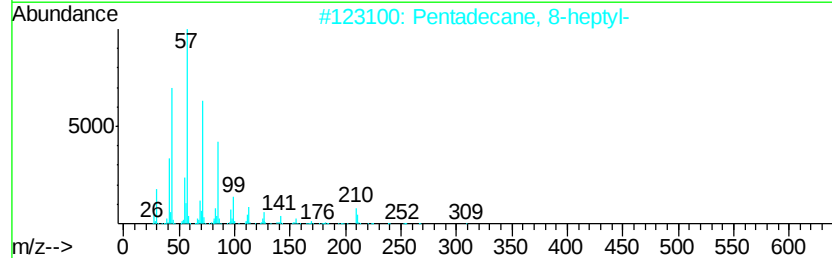
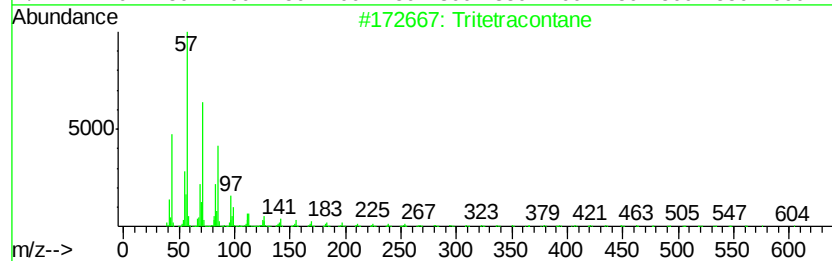
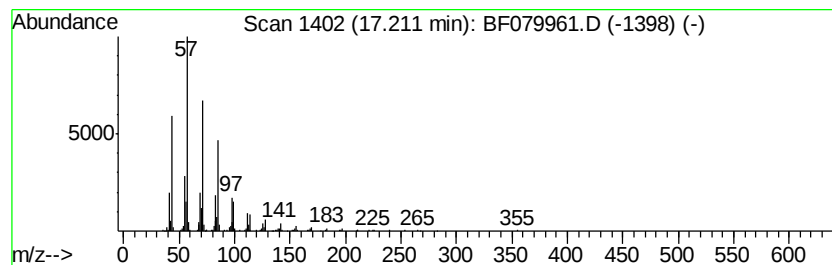
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Pentadecane, 8-heptyl- Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 17.21 | 29.64 ng | 969129 | Perylene-d12     | 16.62 |

| Hit# of | 5 | Tentative ID           | MW  | MolForm  | CAS#        | Qual |
|---------|---|------------------------|-----|----------|-------------|------|
| 1       |   | Tritetracontane        | 605 | C43H88   | 007098-21-7 | 91   |
| 2       |   | Pentadecane, 8-heptyl- | 310 | C22H46   | 071005-15-7 | 91   |
| 3       |   | Tetratetracontane      | 619 | C44H90   | 007098-22-8 | 91   |
| 4       |   | 10-Methylnonadecane    | 282 | C20H42   | 056862-62-5 | 90   |
| 5       |   | Heptacosane, 1-chloro- | 414 | C27H55Cl | 062016-79-9 | 87   |



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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

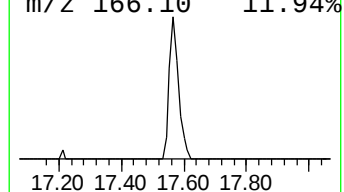
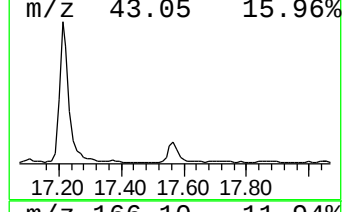
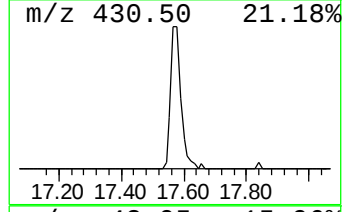
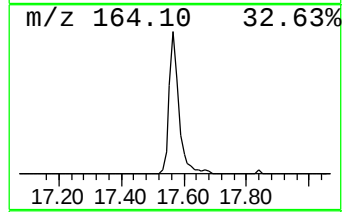
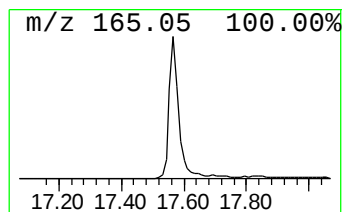
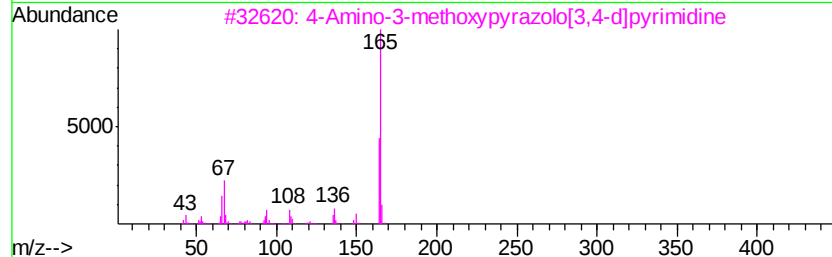
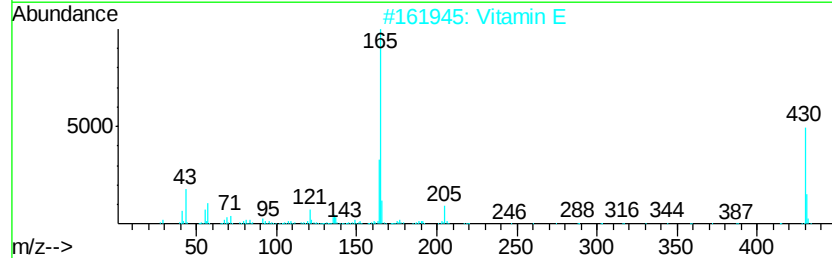
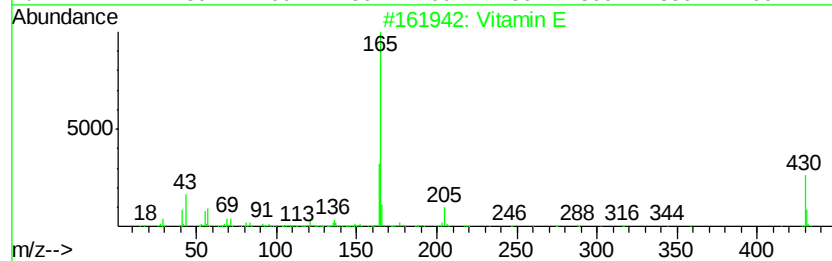
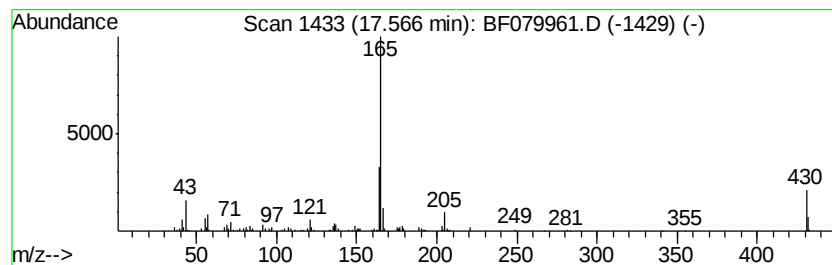
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Vitamin E Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 17.57 | 9.69 ng | 316948 | Perylene-d12     | 16.62 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Vitamin E                           | 430 | C29H50O2   | 010191-41-0  | 97   |
| 2    |    | Vitamin E                           | 430 | C29H50O2   | 000059-02-9  | 95   |
| 3    |    | 4-Amino-3-methoxypyrazolo[3,4-d]... | 165 | C6H7N5O    | 111375-22-5  | 58   |
| 4    |    | .alpha.-Tocopherol-.beta.-D-mann... | 592 | C35H60O7   | 1000156-68-2 | 46   |
| 5    |    | Isoxaben                            | 332 | C18H24N2O4 | 082558-50-7  | 43   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF061215\  
Data File : BF079961.D  
Acq On : 13 Jun 2015 6:19  
Operator : TP/IZ  
Sample : G2612-01 5X  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1506013175

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

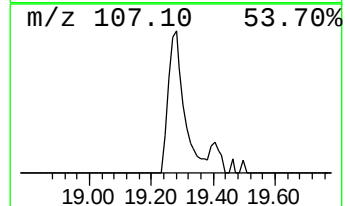
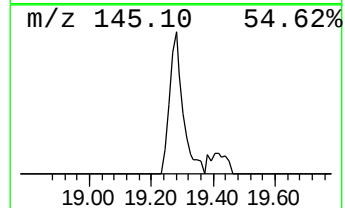
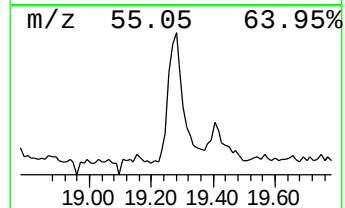
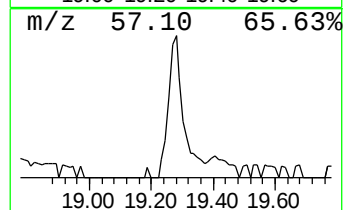
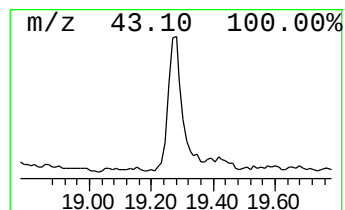
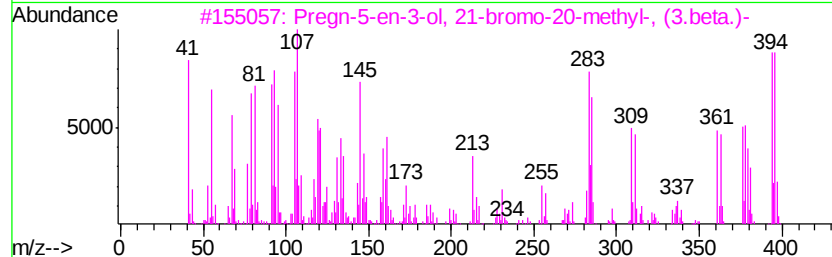
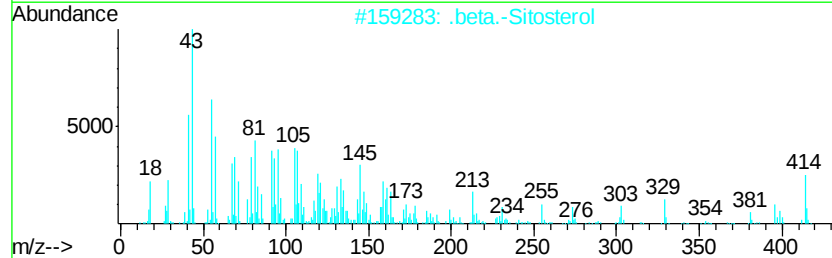
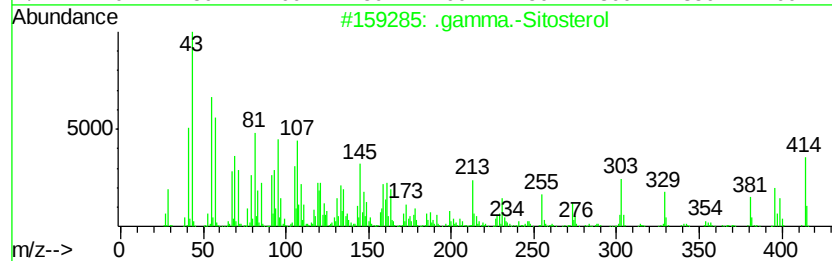
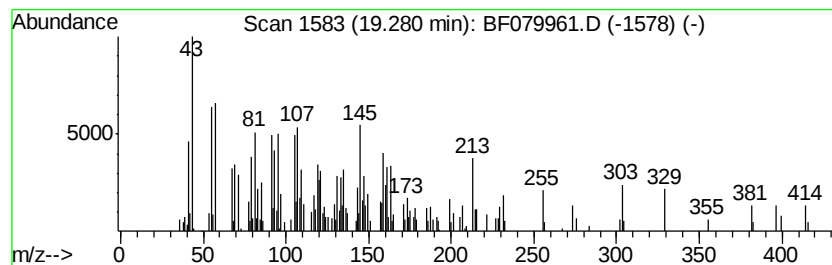
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 .gamma.-Sitosterol Concentration Rank 7

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 19.28 | 12.14 ng | 397023 | Perylene-d12     | 16.62 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|-------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | .gamma.-Sitosterol                  | 414 | C29H50O   | 000083-47-6 | 99   |
| 2    |    | .beta.-Sitosterol                   | 414 | C29H50O   | 000083-46-5 | 98   |
| 3    |    | Pregn-5-en-3-ol, 21-bromo-20-met... | 394 | C22H35BrO | 055103-80-5 | 30   |
| 4    |    | Cholest-5-ene, 3-ethoxy-, (3.bet... | 414 | C29H50O   | 000986-19-6 | 30   |
| 5    |    | 17-(1,5-Dimethylhexyl)-10,13-dim... | 382 | C27H42O   | 024116-50-5 | 27   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF061215\  
Data File : BF079961.D  
Acq On : 13 Jun 2015 6:19  
Operator : TP/IZ  
Sample : G2612-01 5X  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1506013175

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF061115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name      | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|-----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                       |       |         |       |          | #                     | RT    | Resp   | Conc |
| Propane, 2,2-dime...  | 2.23  | 59.1    | ng    | 786559   | 1                     | 7.38  | 266126 | 20.0 |
| unknown7.14           | 7.14  | 14.9    | ng    | 198579   | 1                     | 7.38  | 266126 | 20.0 |
| 9-Octadecenamide, ... | 15.69 | 13.2    | ng    | 397414   | 5                     | 14.79 | 603091 | 20.0 |
| Tritetracontane       | 16.15 | 15.4    | ng    | 504968   | 6                     | 16.62 | 653872 | 20.0 |
| Pentadecane, 8-he...  | 17.21 | 29.6    | ng    | 969129   | 6                     | 16.62 | 653872 | 20.0 |
| Vitamin E             | 17.57 | 9.7     | ng    | 316948   | 6                     | 16.62 | 653872 | 20.0 |
| .gamma.-Sitosterol    | 19.28 | 12.1    | ng    | 397023   | 6                     | 16.62 | 653872 | 20.0 |