

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF112615\  
 Data File : BF083324.D  
 Acq On : 26 Nov 2015 17:35  
 Operator : UM/IZ  
 Sample : G4539-06  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FIELDBLANK-1

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-BF112115.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         | 4.696       | 234           | 237         | 251          | rBV      | 765104         | 1061255       | 23.20%          | 3.195%        |
| 2         | 5.176       | 277           | 279         | 289          | rBV      | 2021227        | 2328805       | 50.92%          | 7.012%        |
| 3         | 6.250       | 371           | 373         | 380          | rBV      | 1557461        | 1558886       | 34.08%          | 4.694%        |
| 4         | 6.364       | 380           | 383         | 385          | rBV      | 3686451        | 4051217       | 88.57%          | 12.198%       |
| 5         | 6.581       | 400           | 402         | 405          | rBV      | 770511         | 947922        | 20.72%          | 2.854%        |
| 6         | 6.742       | 414           | 416         | 419          | rBV      | 3410447        | 3421640       | 74.81%          | 10.303%       |
| 7         | 7.164       | 450           | 453         | 455          | rBV      | 2801606        | 3219008       | 70.38%          | 9.693%        |
| 8         | 7.873       | 513           | 515         | 518          | rBV      | 1117706        | 1083950       | 23.70%          | 3.264%        |
| 9         | 8.959       | 607           | 610         | 612          | rBV      | 5147964        | 4573888       | 100.00%         | 13.772%       |
| 10        | 9.622       | 666           | 668         | 671          | rBV      | 1206515        | 1058095       | 23.13%          | 3.186%        |
| 11        | 10.410      | 734           | 737         | 739          | rBV      | 2448756        | 2356800       | 51.53%          | 7.096%        |
| 12        | 11.096      | 795           | 797         | 800          | rBV      | 1143705        | 994546        | 21.74%          | 2.995%        |
| 13        | 11.645      | 843           | 845         | 855          | rBV2     | 28069          | 64774         | 1.42%           | 0.195%        |
| 14        | 12.365      | 905           | 908         | 912          | rBV3     | 21320          | 58907         | 1.29%           | 0.177%        |
| 15        | 12.685      | 933           | 936         | 938          | rBV      | 4458169        | 4292374       | 93.85%          | 12.925%       |
| 16        | 13.725      | 1024          | 1027        | 1029         | rBV      | 843554         | 1161162       | 25.39%          | 3.496%        |
| 17        | 14.582      | 1099          | 1102        | 1104         | rBV      | 88011          | 122884        | 2.69%           | 0.370%        |
| 18        | 15.074      | 1142          | 1145        | 1148         | rBV      | 702436         | 854919        | 18.69%          | 2.574%        |

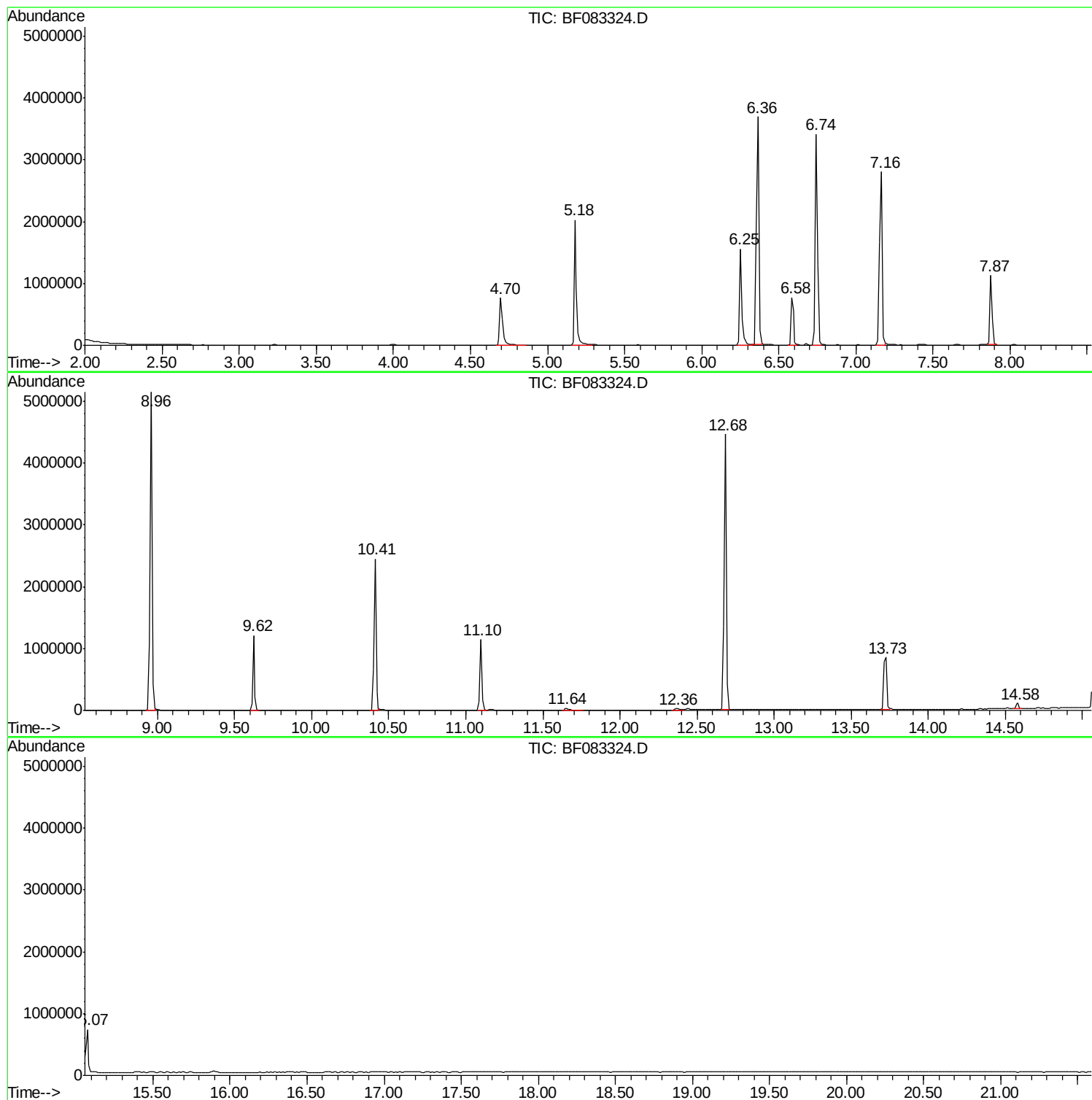
Sum of corrected areas: 33211032

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF112615\  
Data File : BF083324.D  
Acq On : 26 Nov 2015 17:35  
Operator : UM/IZ  
Sample : G4539-06  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FIELDBLANK-1

Quant Method : Z:\HPCHEM1\BNA\_F\Methods\8270-BF112115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112615\  
Data File : BF083324.D  
Acq On : 26 Nov 2015 17:35  
Operator : UM/IZ  
Sample : G4539-06  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FIELDBLANK-1

Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

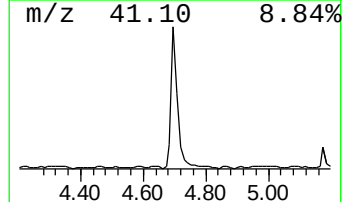
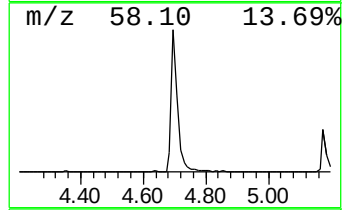
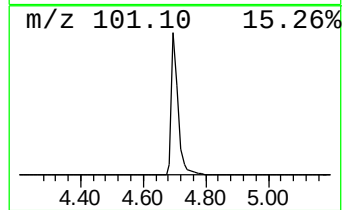
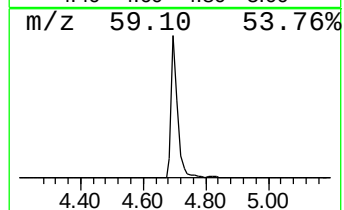
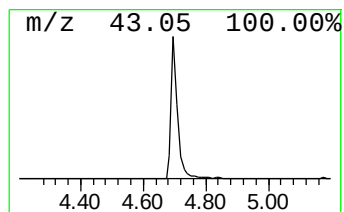
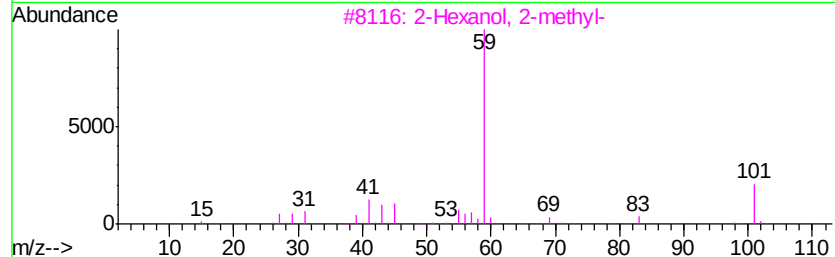
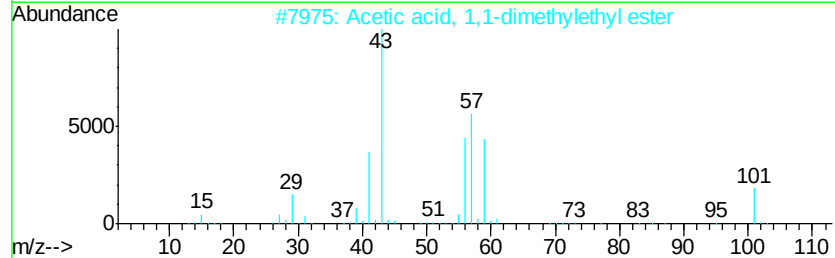
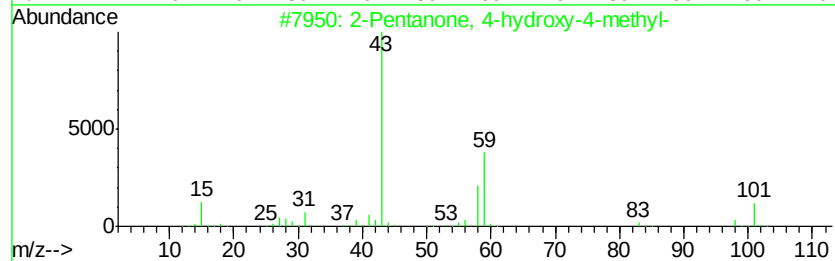
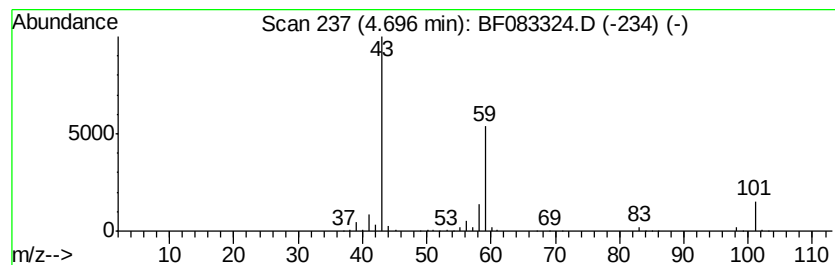
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 4.70 | 22.39 ng | 1061260 | 1,4-Dichlorobenzene-d4 | 6.58 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 64   |
| 2    |    | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 39   |
| 3    |    | 2-Hexanol, 2-methyl-                | 116 | C7H16O   | 000625-23-0 | 33   |
| 4    |    | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 33   |
| 5    |    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112615\  
Data File : BF083324.D  
Acq On : 26 Nov 2015 17:35  
Operator : UM/IZ  
Sample : G4539-06  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FIELDBLANK-1

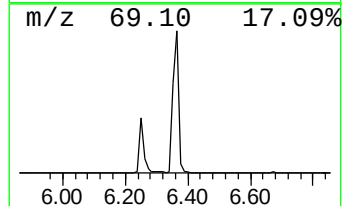
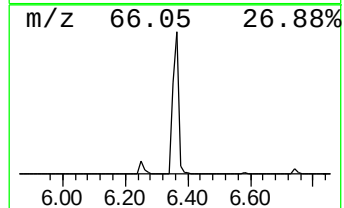
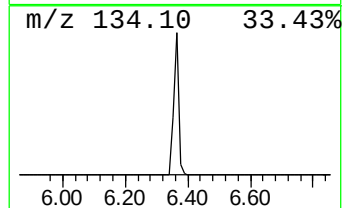
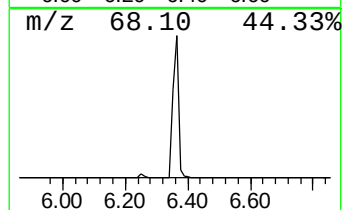
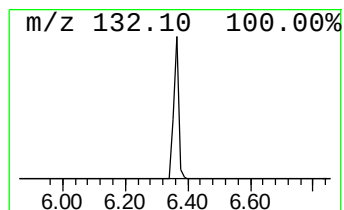
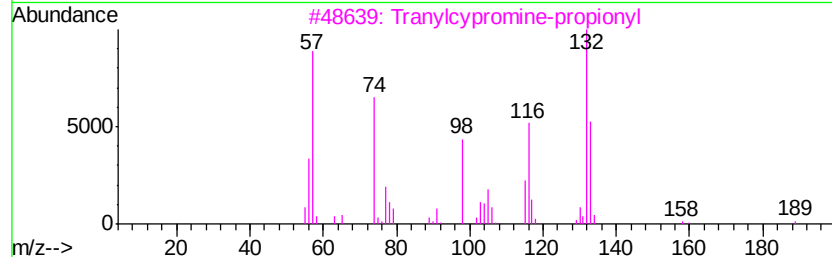
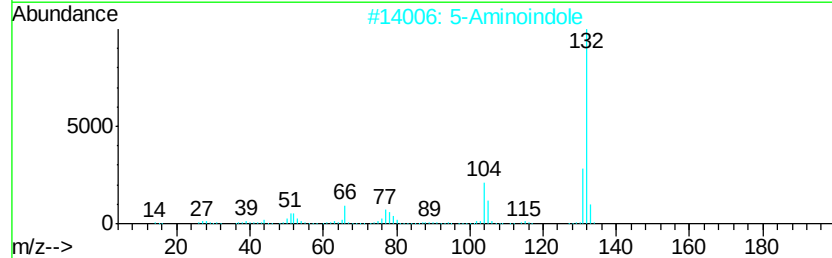
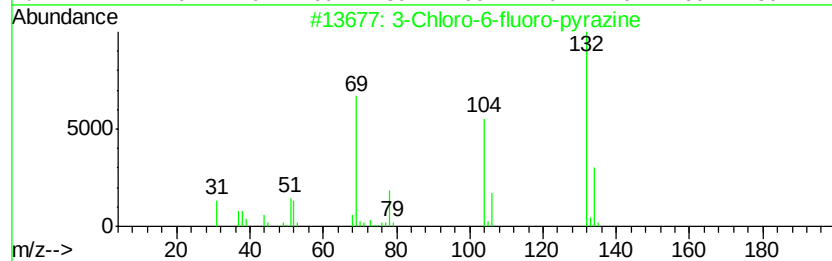
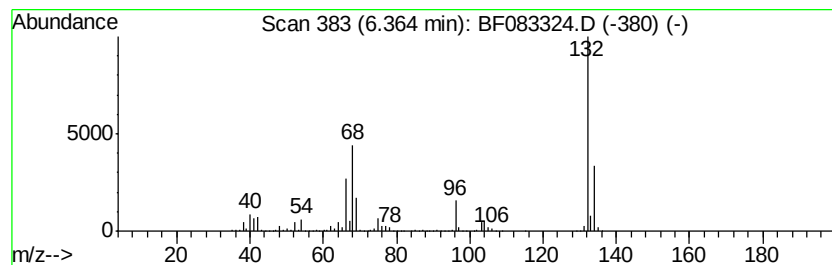
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 unknown6.36 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.36 | 85.48 ng | 4051220 | 1,4-Dichlorobenzene-d4 | 6.58 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|---|----------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    |   | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |
| 3    |    |   | Tranvlcyproline-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    |   | Imidazole, 4,5-dicyano-1-methyl- | 132 | C6H4N4    | 019485-35-9  | 9    |
| 5    |    |   | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 9    |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF112615\  
Data File : BF083324.D  
Acq On : 26 Nov 2015 17:35  
Operator : UM/IZ  
Sample : G4539-06  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FIELDBLANK-1

Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

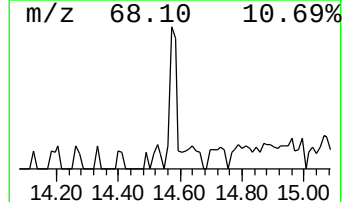
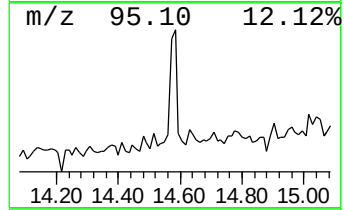
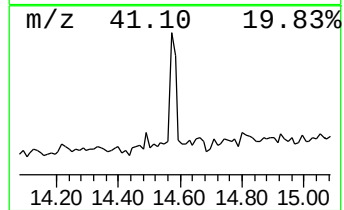
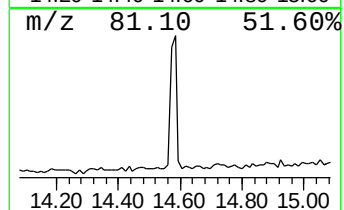
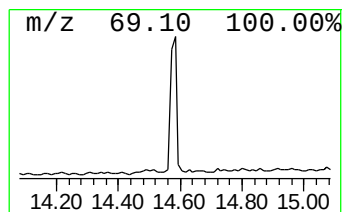
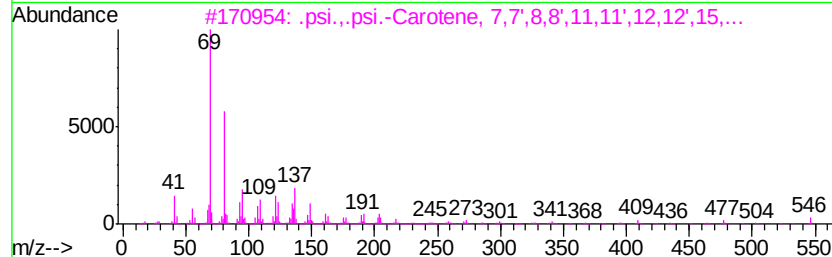
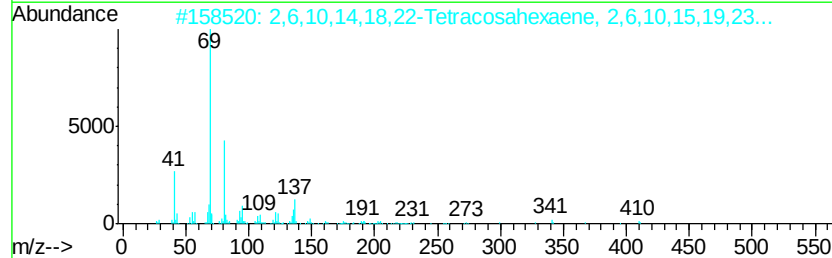
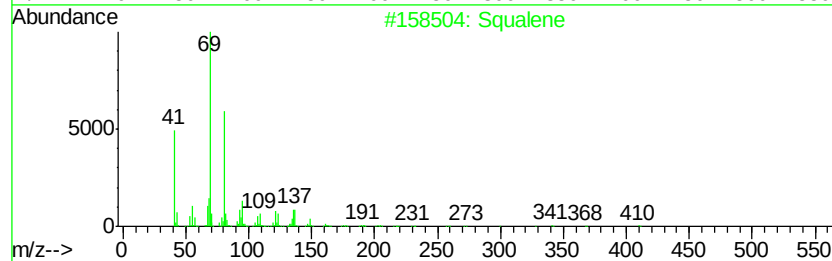
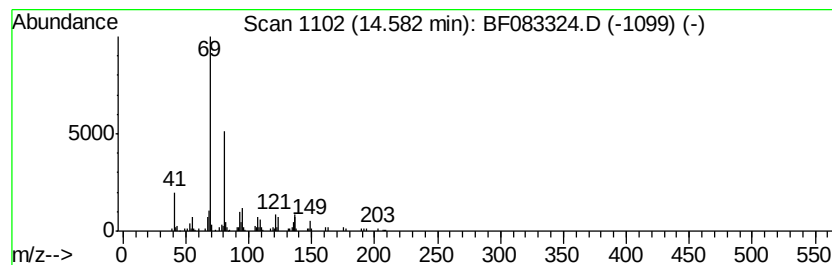
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Squalene Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 14.58 | 2.87 ng | 122884 | Perylene-d12     | 15.07 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Squalene                            | 410 | C30H50  | 007683-64-9 | 91   |
| 2    |    | 2,6,10,14,18,22-Tetracosahexaene... | 410 | C30H50  | 000111-02-4 | 91   |
| 3    |    | .psi.,.psi.-Carotene, 7,7',8,8',... | 547 | C40H66  | 000502-62-5 | 83   |
| 4    |    | 7,11-Dimethyldodeca-2,6,10-trien... | 208 | C14H24O | 125529-10-4 | 83   |
| 5    |    | 2,6,10-Dodecatrien-1-ol, 3,7,11-... | 222 | C15H26O | 000106-28-5 | 78   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF112615\  
Data File : BF083324.D  
Acq On : 26 Nov 2015 17:35  
Operator : UM/IZ  
Sample : G4539-06  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FIELDBLANK-1

Quant Method : Z:\HPCHEM1\BNA\_F\Methods\8270-BF112115.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 |
| 2-Pentanone, 4-hy... | 4.70  | 22.4    | ng    | 1061260  | 1                     | 6.58  | 947922 | 20.0 |
| unknown6.36          | 6.36  | 85.5    | ng    | 4051220  | 1                     | 6.58  | 947922 | 20.0 |
| Squalene             | 14.58 | 2.9     | ng    | 122884   | 6                     | 15.07 | 854919 | 20.0 |