

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\  
 Data File : BG038803.D  
 Acq On : 22 Dec 2018 2:00  
 Operator : JU/SJ  
 Sample : J6505-11  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-62(0-23)-COMP

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\_G\METHODS\8270-BG121218.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         | 5.144       | 343           | 350         | 358          | rBV      | 18362          | 28773         | 2.19%           | 0.277%        |
| 2         | 5.614       | 422           | 430         | 437          | rBV      | 302657         | 513911        | 39.05%          | 4.942%        |
| 3         | 7.218       | 695           | 703         | 716          | rBV      | 346098         | 639227        | 48.57%          | 6.147%        |
| 4         | 7.588       | 759           | 766         | 776          | rBV      | 325160         | 568248        | 43.18%          | 5.464%        |
| 5         | 8.058       | 839           | 846         | 854          | rBV      | 90144          | 155857        | 11.84%          | 1.499%        |
| 6         | 8.382       | 894           | 901         | 908          | rBV      | 237913         | 419637        | 31.89%          | 4.035%        |
| 7         | 9.239       | 1038          | 1047        | 1059         | rBV      | 192636         | 367384        | 27.92%          | 3.533%        |
| 8         | 10.879      | 1317          | 1326        | 1334         | rBV      | 127353         | 236088        | 17.94%          | 2.270%        |
| 9         | 13.317      | 1734          | 1741        | 1750         | rBV      | 559537         | 903988        | 68.69%          | 8.693%        |
| 10        | 14.140      | 1876          | 1881        | 1890         | rBV      | 30972          | 49789         | 3.78%           | 0.479%        |
| 11        | 14.698      | 1968          | 1976        | 1987         | rBV2     | 218704         | 364530        | 27.70%          | 3.505%        |
| 12        | 16.190      | 2223          | 2230        | 2245         | rBV3     | 455721         | 747489        | 56.80%          | 7.188%        |
| 13        | 17.447      | 2437          | 2444        | 2449         | rBV      | 283663         | 439948        | 33.43%          | 4.230%        |
| 14        | 17.489      | 2449          | 2451        | 2458         | rVB      | 12351          | 14297         | 1.09%           | 0.137%        |
| 15        | 18.317      | 2587          | 2592        | 2597         | rBV5     | 7952           | 16401         | 1.25%           | 0.158%        |
| 16        | 18.370      | 2597          | 2601        | 2607         | rVB2     | 10864          | 17378         | 1.32%           | 0.167%        |
| 17        | 19.492      | 2786          | 2792        | 2798         | rBV3     | 8374           | 16249         | 1.23%           | 0.156%        |
| 18        | 19.733      | 2824          | 2833        | 2838         | rBV      | 79045          | 101320        | 7.70%           | 0.974%        |
| 19        | 20.044      | 2880          | 2886        | 2896         | rBV      | 979785         | 1284808       | 97.63%          | 12.355%       |
| 20        | 20.714      | 2991          | 3000        | 3010         | rBV      | 884082         | 1315960       | 100.00%         | 12.654%       |
| 21        | 20.820      | 3013          | 3018        | 3026         | rVB      | 90177          | 123626        | 9.39%           | 1.189%        |
| 22        | 21.319      | 3099          | 3103        | 3114         | rVB6     | 16812          | 32995         | 2.51%           | 0.317%        |
| 23        | 21.572      | 3141          | 3146        | 3155         | rVB      | 123974         | 178153        | 13.54%          | 1.713%        |
| 24        | 21.725      | 3165          | 3172        | 3179         | rBV      | 281849         | 492514        | 37.43%          | 4.736%        |
| 25        | 21.866      | 3192          | 3196        | 3203         | rVB7     | 12404          | 22650         | 1.72%           | 0.218%        |
| 26        | 22.424      | 3285          | 3291        | 3295         | rBV8     | 13604          | 29101         | 2.21%           | 0.280%        |
| 27        | 22.477      | 3296          | 3300        | 3305         | rVB3     | 15134          | 23800         | 1.81%           | 0.229%        |
| 28        | 23.188      | 3413          | 3421        | 3438         | rBV      | 350235         | 753629        | 57.27%          | 7.247%        |
| 29        | 23.987      | 3553          | 3557        | 3558         | rBV4     | 13762          | 18011         | 1.37%           | 0.173%        |
| 30        | 24.956      | 3716          | 3722        | 3725         | rBV5     | 10882          | 23842         | 1.81%           | 0.229%        |
| 31        | 25.033      | 3725          | 3735        | 3746         | rVB3     | 157343         | 464100        | 35.27%          | 4.463%        |
| 32        | 26.096      | 3907          | 3916        | 3926         | rBV6     | 11114          | 35746         | 2.72%           | 0.344%        |

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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SB-62(0-23)-COMP

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\_G\METHODS\8270-BG121218.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

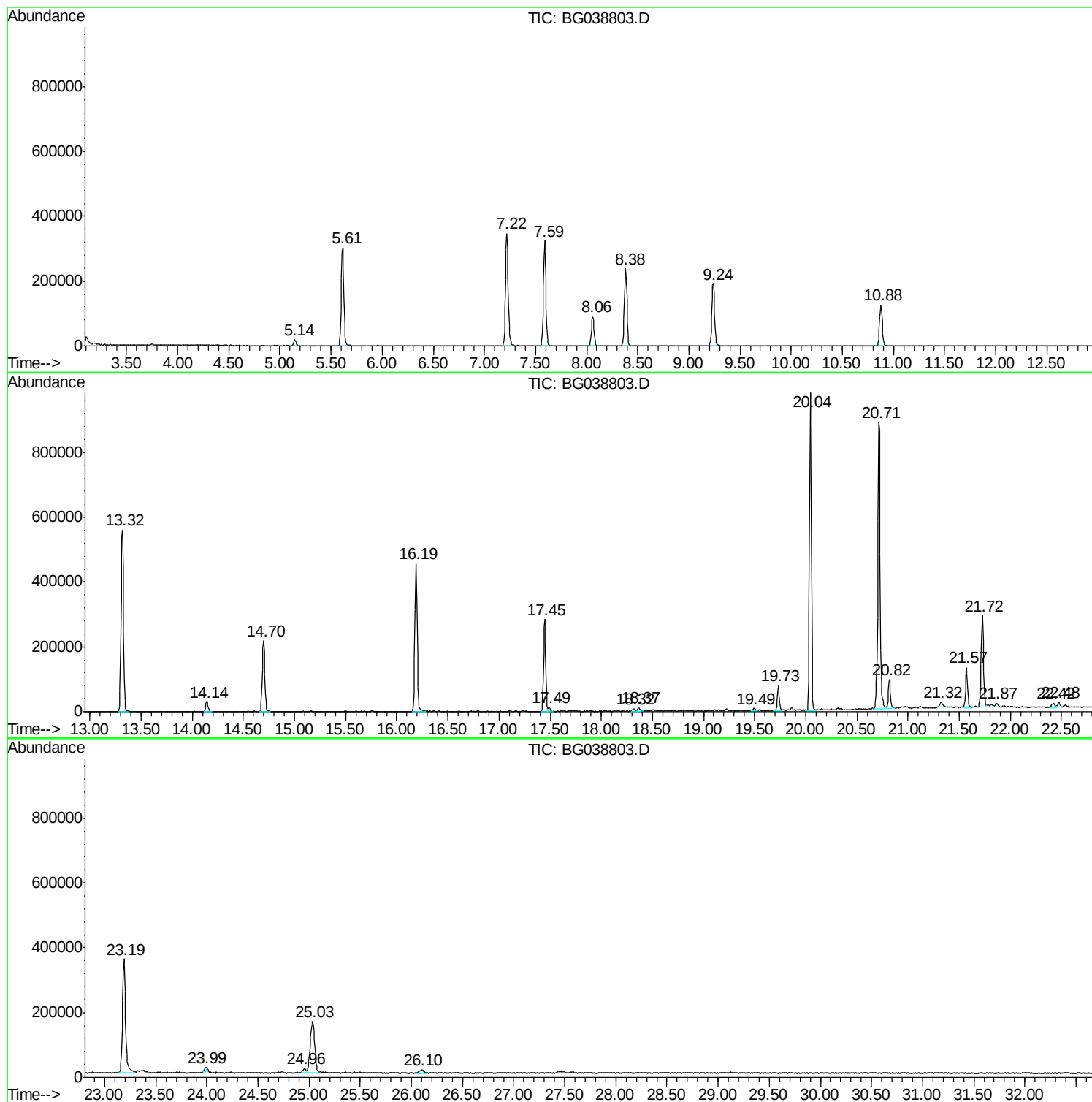
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

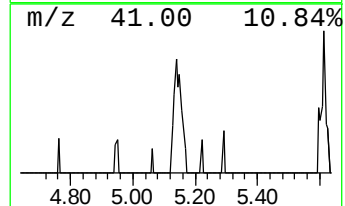
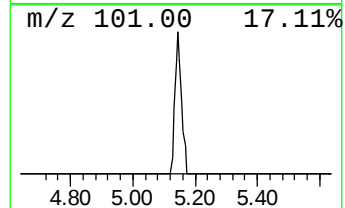
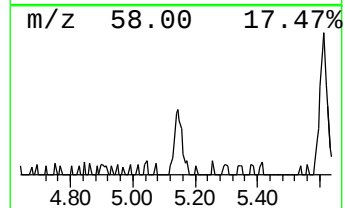
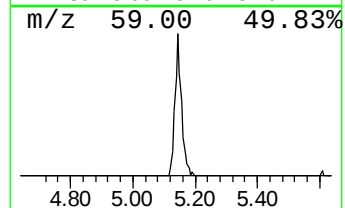
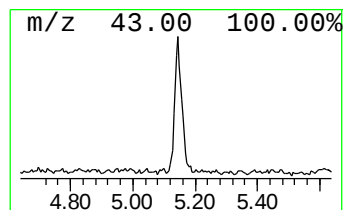
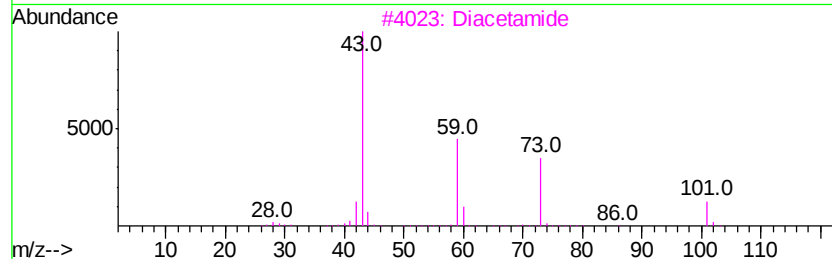
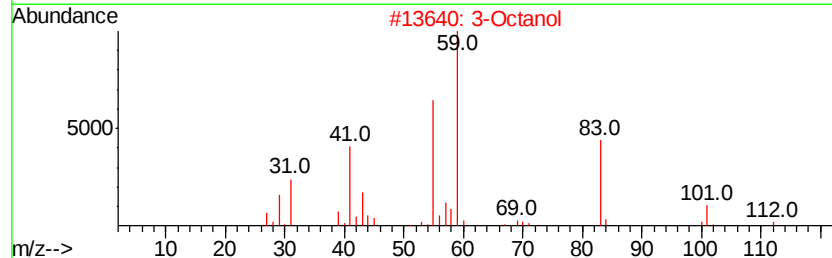
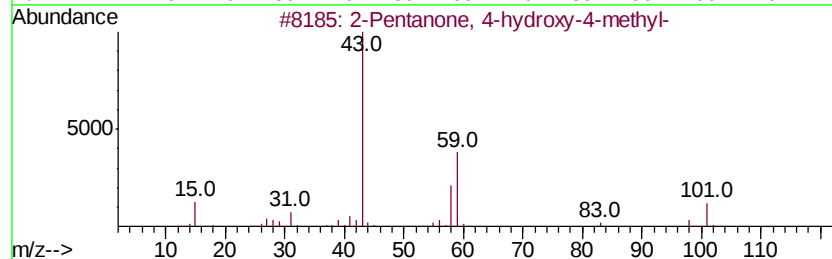
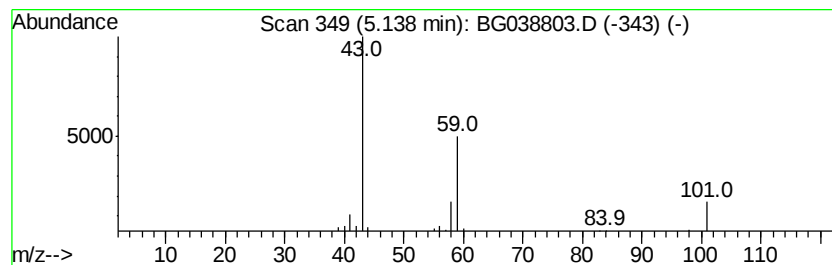
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.14 | 3.69 ng | 28773 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# of | 5                                | Tentative ID | MW      | MolForm     | CAS# | Qual |
|---------|----------------------------------|--------------|---------|-------------|------|------|
| 1       | 2-Pentanone, 4-hydroxy-4-methyl- | 116          | C6H12O2 | 000123-42-2 | 56   |      |
| 2       | 3-Octanol                        | 130          | C8H18O  | 000589-98-0 | 33   |      |
| 3       | Diacetamide                      | 101          | C4H7NO2 | 000625-77-4 | 9    |      |
| 4       | 3-Hexanol                        | 102          | C6H14O  | 000623-37-0 | 9    |      |
| 5       | Butyl aldoxime, 3-methyl-, syn-  | 101          | C5H11NO | 005780-40-5 | 9    |      |



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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

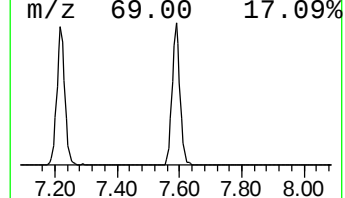
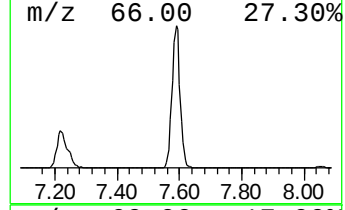
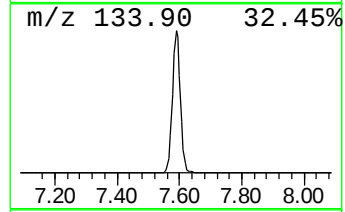
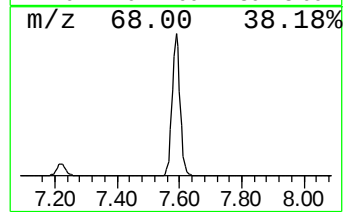
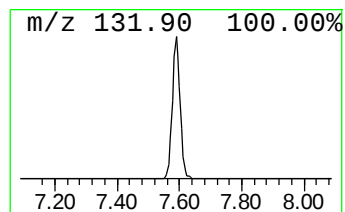
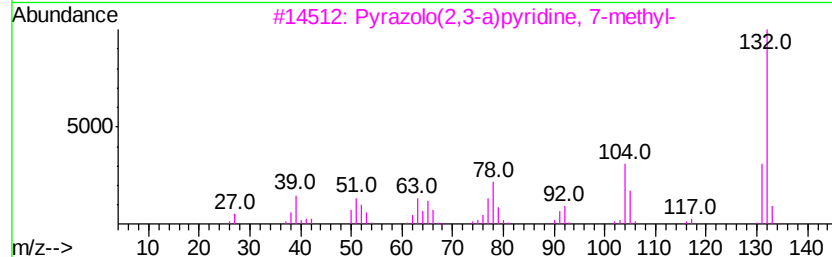
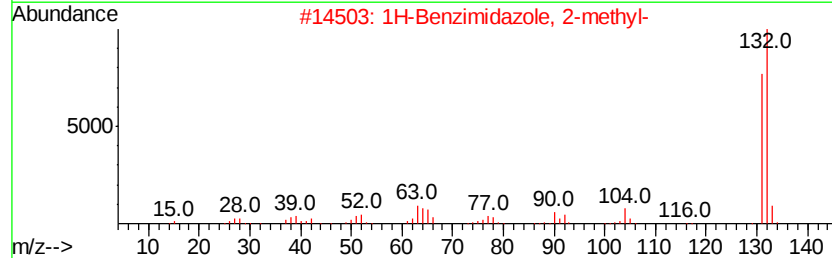
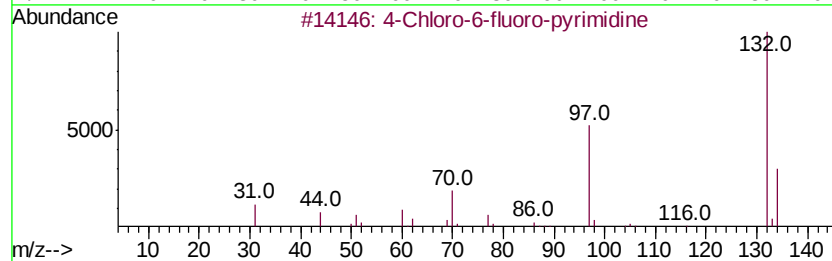
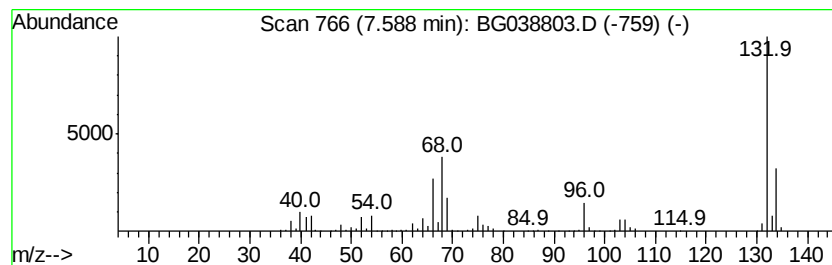
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown7.59 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.59 | 72.92 ng | 568248 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of | Tentative ID                       | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 4-Chloro-6-fluoro-pyrimidine       | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 2    |    | 1H-Benzimidazole, 2-methyl-        | 132 | C8H8N2    | 000615-15-6  | 22   |
| 3    |    | Pyrazolo(2,3-a)pyridine, 7-methyl- | 132 | C8H8N2    | 034760-58-2  | 22   |
| 4    |    | (E)-3-Chloro-2-methyl-2-pentenal   | 132 | C6H9ClO   | 031357-76-3  | 16   |
| 5    |    | 3-Chloro-6-fluoro-pyrazine         | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |



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Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SB-62(0-23)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

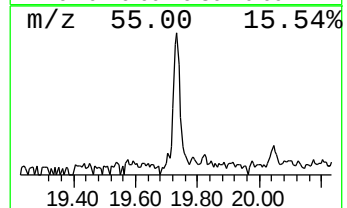
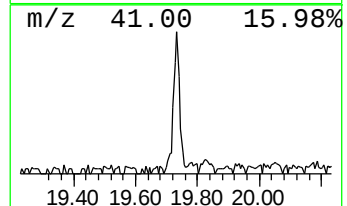
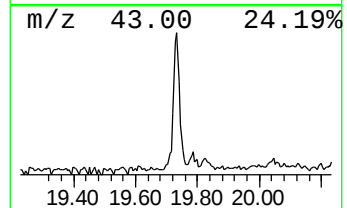
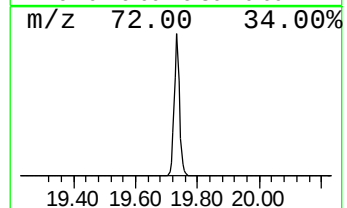
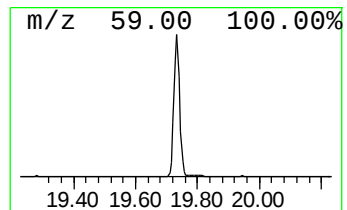
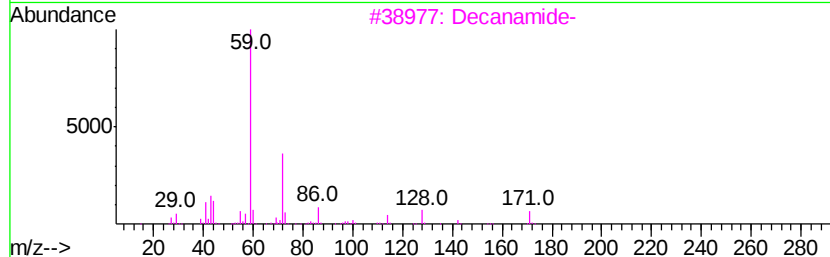
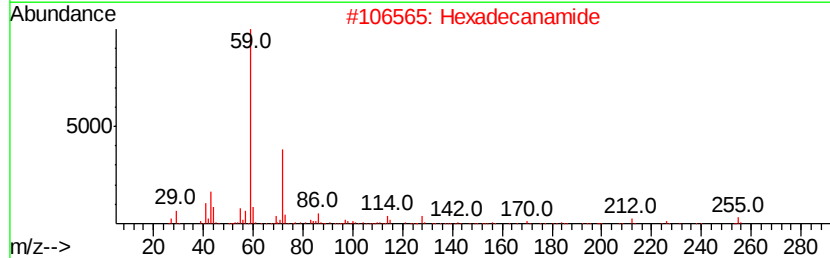
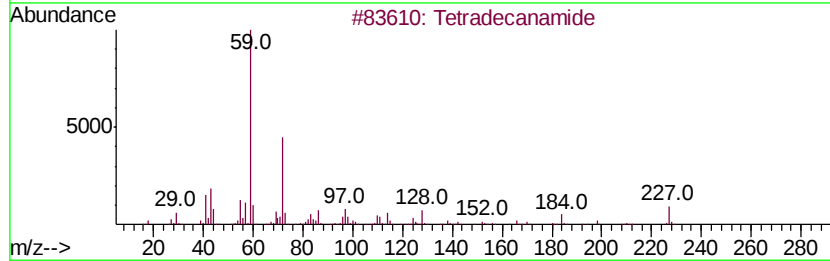
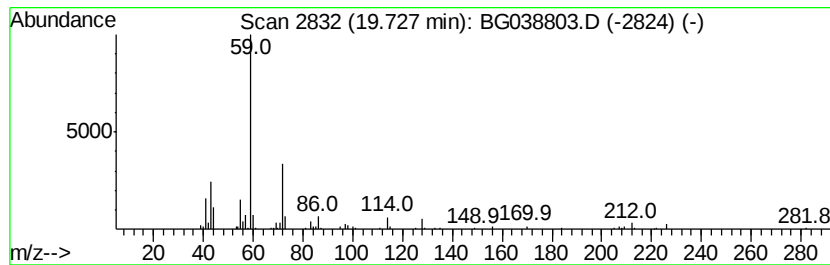
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Tetradecanamide Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 19.73 | 4.11 ng | 101320 | Chrysene-d12     | 21.72 |

| Hit# of 5 | Tentative ID    | MW  | MolForm  | CAS#        | Qual |
|-----------|-----------------|-----|----------|-------------|------|
| 1         | Tetradecanamide | 227 | C14H29NO | 000638-58-4 | 91   |
| 2         | Hexadecanamide  | 255 | C16H33NO | 000629-54-9 | 91   |
| 3         | Decanamide-     | 171 | C10H21NO | 002319-29-1 | 78   |
| 4         | Dodecanamide    | 199 | C12H25NO | 001120-16-7 | 78   |
| 5         | Octanamide      | 143 | C8H17NO  | 000629-01-6 | 72   |



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Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SB-62(0-23)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

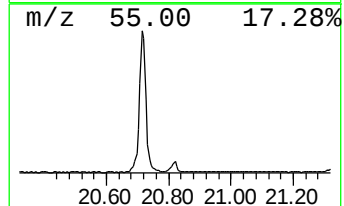
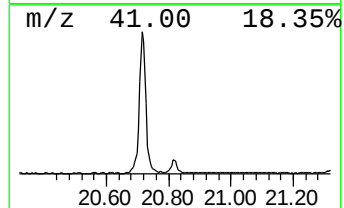
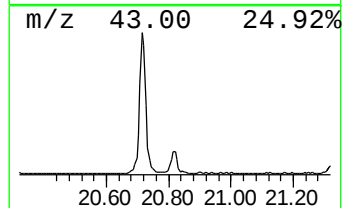
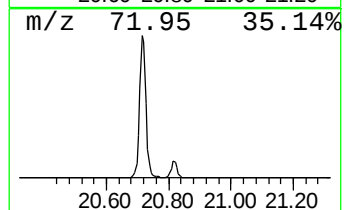
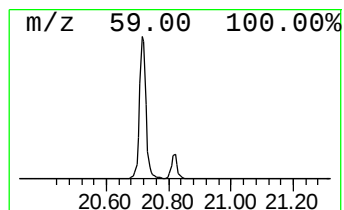
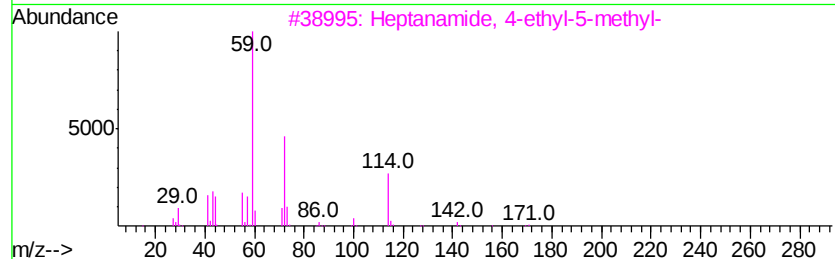
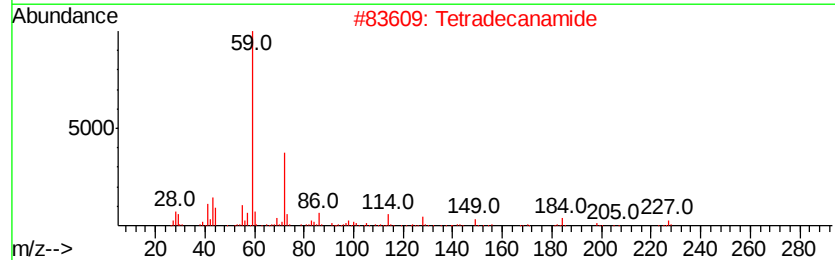
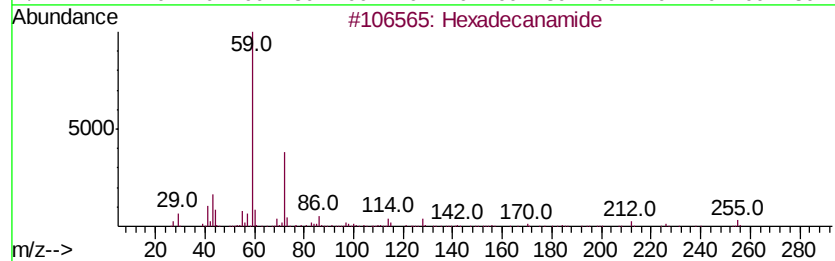
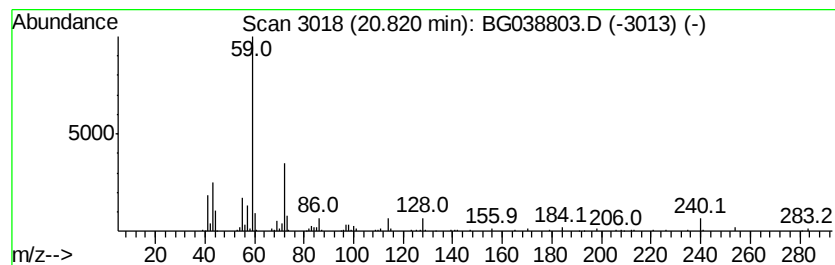
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Hexadecanamide Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 20.82 | 5.02 ng | 123626 | Chrysene-d12     | 21.72 |

| Hit# of | 5                              | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|---------|--------------------------------|--------------|-----|----------|-------------|------|
| 1       | Hexadecanamide                 |              | 255 | C16H33NO | 000629-54-9 | 80   |
| 2       | Tetradecanamide                |              | 227 | C14H29NO | 000638-58-4 | 80   |
| 3       | Heptanamide, 4-ethyl-5-methyl- |              | 171 | C10H21NO | 054789-40-1 | 72   |
| 4       | Dodecanamide                   |              | 199 | C12H25NO | 001120-16-7 | 72   |
| 5       | Decanamide-                    |              | 171 | C10H21NO | 002319-29-1 | 72   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

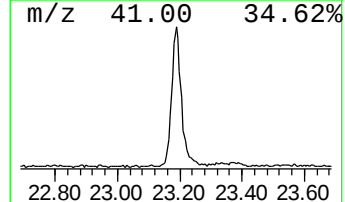
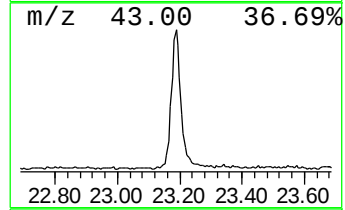
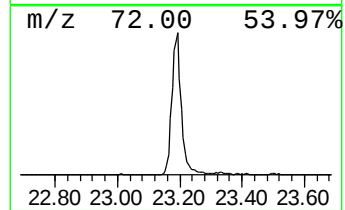
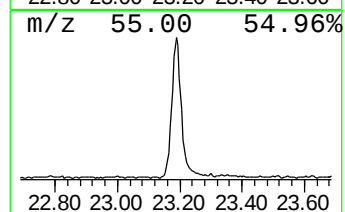
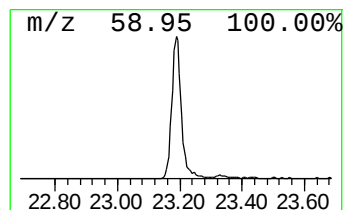
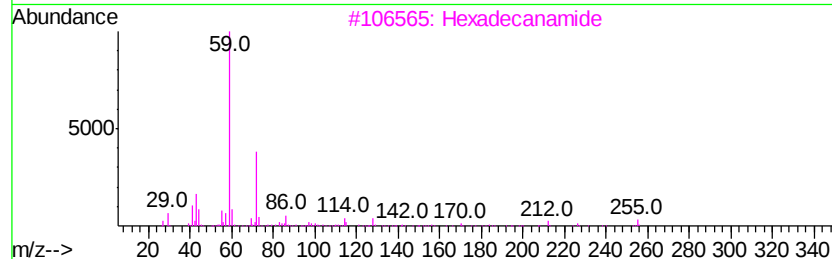
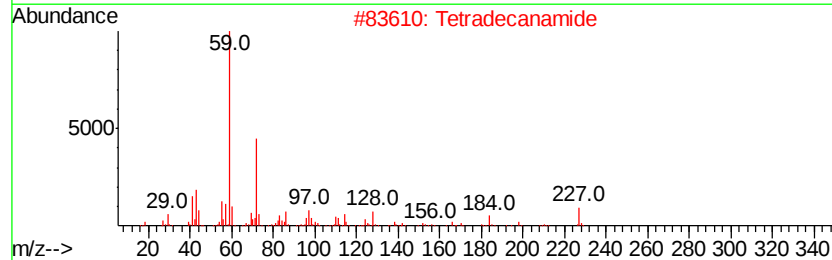
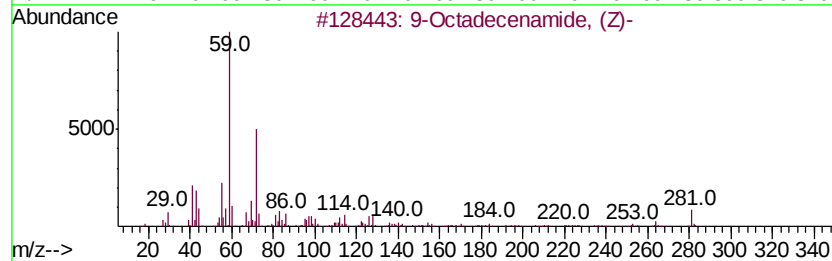
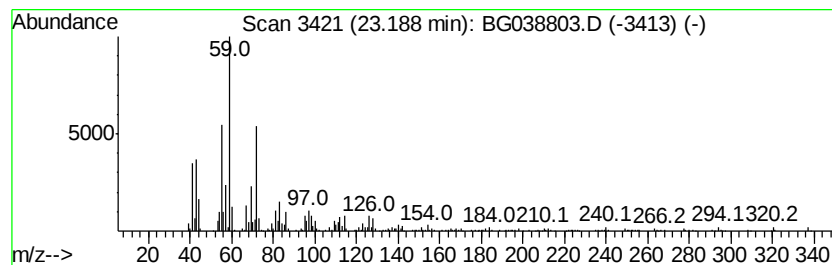
TIC Library : C:\Database\NIST11.L  
 TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
 Peak Number 7 9-Octadecenamide, (Z)- Concentration Rank 4

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 23.19 | 30.60 ng | 753629 | Chrysene-d12     | 21.72 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|---------|---|-------------------------------------|-----|------------|-------------|------|
| 1       |   | 9-Octadecenamide, (Z)-              | 281 | C18H35NO   | 000301-02-0 | 90   |
| 2       |   | Tetradecanamide                     | 227 | C14H29NO   | 000638-58-4 | 86   |
| 3       |   | Hexadecanamide                      | 255 | C16H33NO   | 000629-54-9 | 78   |
| 4       |   | Dodecanamide                        | 199 | C12H25NO   | 001120-16-7 | 72   |
| 5       |   | Benzeneethanamine, 2-fluoro-.bet... | 229 | C11H16FN03 | 061338-98-5 | 59   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG122118\  
Data File : BG038803.D  
Acq On : 22 Dec 2018 2:00  
Operator : JU/SJ  
Sample : J6505-11  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SB-62(0-23)-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG121218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.14  | 3.7     | ng    | 28773    | 1                     | 8.06  | 155857 | 20.0 |
| unknown7.59          | 7.59  | 72.9    | ng    | 568248   | 1                     | 8.06  | 155857 | 20.0 |
| Tetradecanamide      | 19.73 | 4.1     | ng    | 101320   | 5                     | 21.72 | 492514 | 20.0 |
| Hexadecanamide       | 20.82 | 5.0     | ng    | 123626   | 5                     | 21.72 | 492514 | 20.0 |
| 9-Octadecenamide,... | 23.19 | 30.6    | ng    | 753629   | 5                     | 21.72 | 492514 | 20.0 |