

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG103116\  
 Data File : BG024584.D  
 Acq On : 1 Nov 2016 9:34  
 Operator : UM/SJ  
 Sample : H5447-04  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 RPC-B1

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:\HPCHEM1\BNA\_G\METHODS\8270-BG102516.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         | 3.131       | 44            | 50          | 72           | rVB      | 8567000        | 17529346      | 100.00%         | 25.583%       |
| 2         | 5.334       | 417           | 425         | 437          | rVB      | 482405         | 832185        | 4.75%           | 1.215%        |
| 3         | 5.798       | 498           | 504         | 512          | rBV      | 2284582        | 3753006       | 21.41%          | 5.477%        |
| 4         | 7.402       | 768           | 777         | 788          | rBV      | 2316053        | 4210790       | 24.02%          | 6.145%        |
| 5         | 7.796       | 836           | 844         | 853          | rBV      | 2149152        | 3923602       | 22.38%          | 5.726%        |
| 6         | 8.266       | 917           | 924         | 932          | rBV      | 440164         | 797203        | 4.55%           | 1.163%        |
| 7         | 8.595       | 970           | 980         | 988          | rBV      | 1691262        | 2993949       | 17.08%          | 4.369%        |
| 8         | 9.441       | 1116          | 1124        | 1133         | rVB      | 1403889        | 2573511       | 14.68%          | 3.756%        |
| 9         | 11.092      | 1394          | 1405        | 1413         | rBV      | 583834         | 1105899       | 6.31%           | 1.614%        |
| 10        | 13.507      | 1808          | 1816        | 1824         | rVB      | 3537934        | 5683717       | 32.42%          | 8.295%        |
| 11        | 14.318      | 1946          | 1954        | 1960         | rBV      | 738678         | 1159452       | 6.61%           | 1.692%        |
| 12        | 14.882      | 2043          | 2050        | 2058         | rVB      | 924182         | 1520674       | 8.68%           | 2.219%        |
| 13        | 16.363      | 2296          | 2302        | 2310         | rBV      | 3145262        | 5043358       | 28.77%          | 7.360%        |
| 14        | 17.626      | 2511          | 2517        | 2525         | rBV      | 1253229        | 1933018       | 11.03%          | 2.821%        |
| 15        | 20.205      | 2950          | 2956        | 2963         | rBV      | 6937479        | 9552602       | 54.49%          | 13.941%       |
| 16        | 21.498      | 3171          | 3176        | 3182         | rBV3     | 238935         | 402892        | 2.30%           | 0.588%        |
| 17        | 21.921      | 3240          | 3248        | 3258         | rVB      | 1536054        | 2740493       | 15.63%          | 4.000%        |
| 18        | 25.346      | 3820          | 3831        | 3842         | rVB      | 881876         | 2764379       | 15.77%          | 4.034%        |

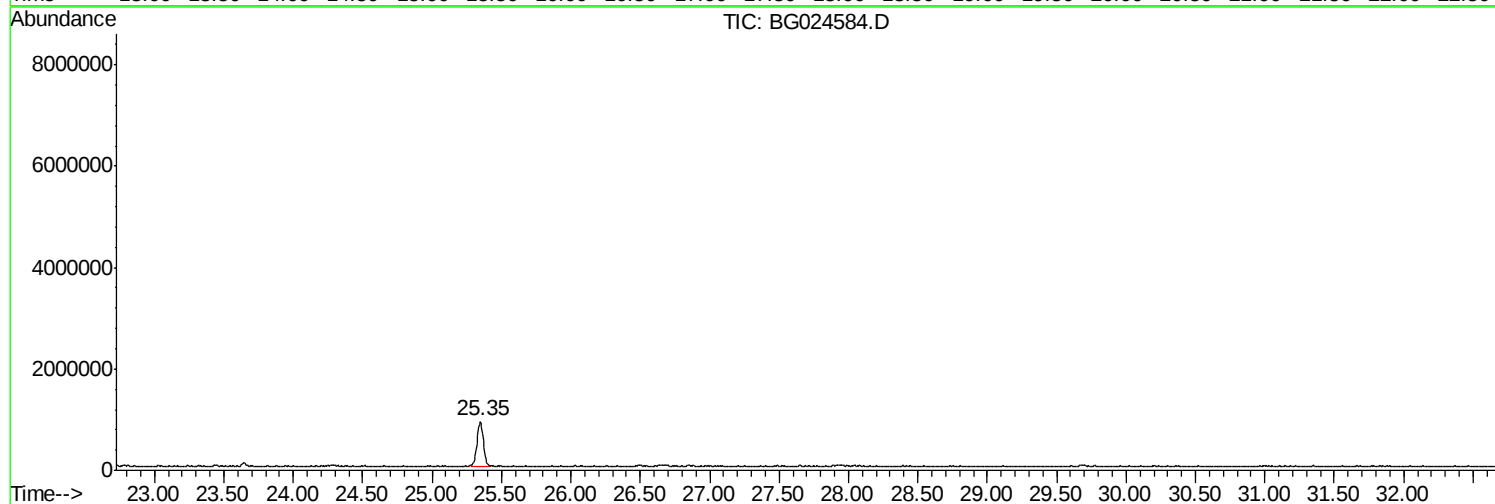
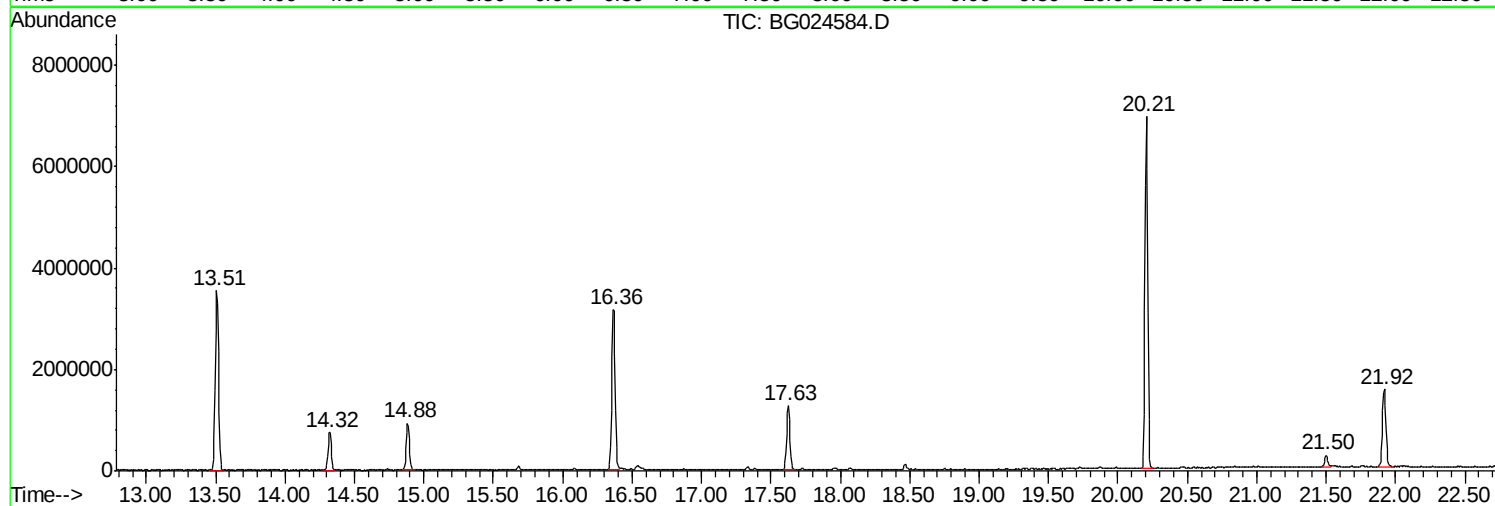
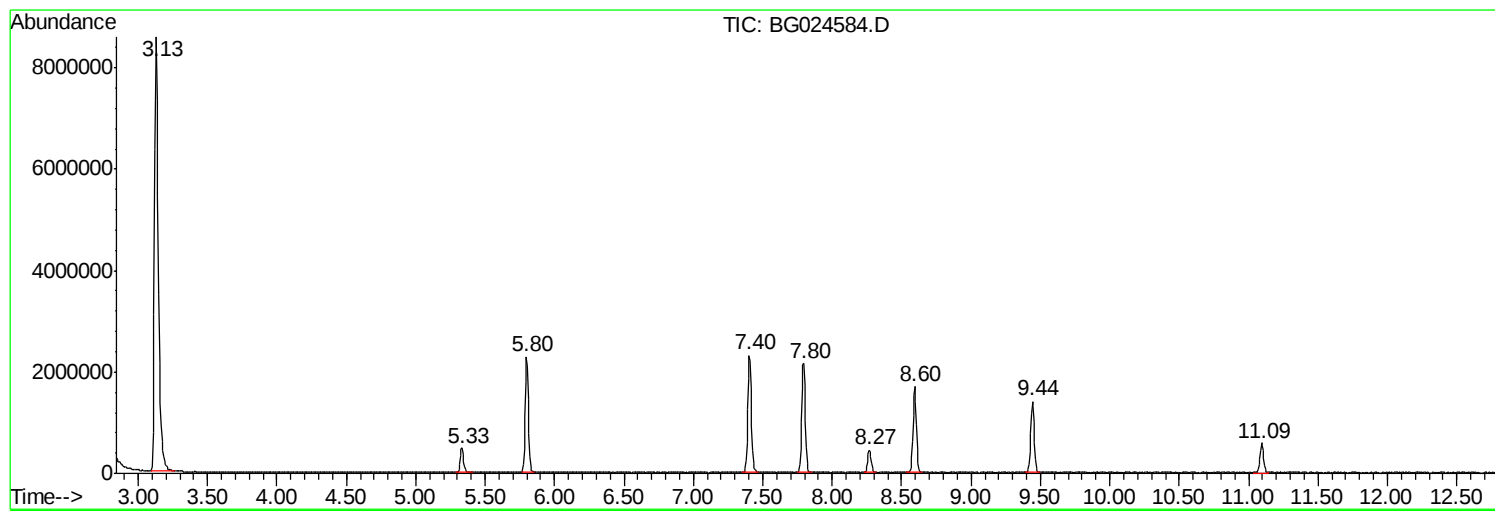
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BNA\_G  
ClientSampleId :  
RPC-B1

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG102516.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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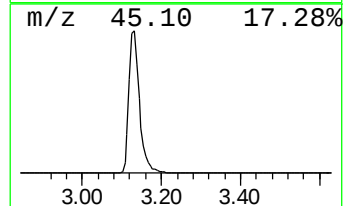
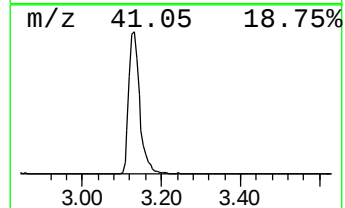
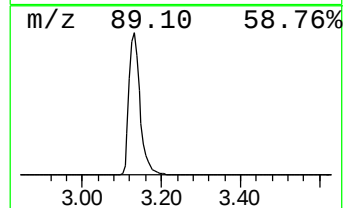
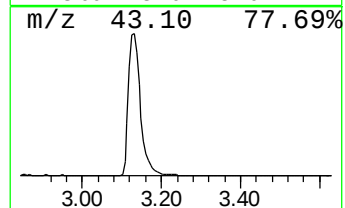
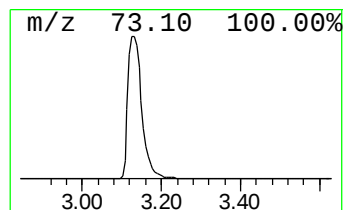
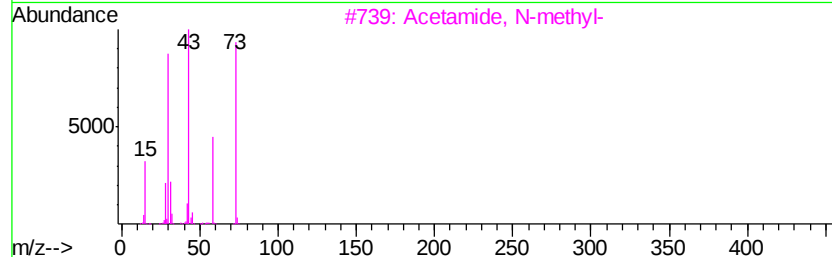
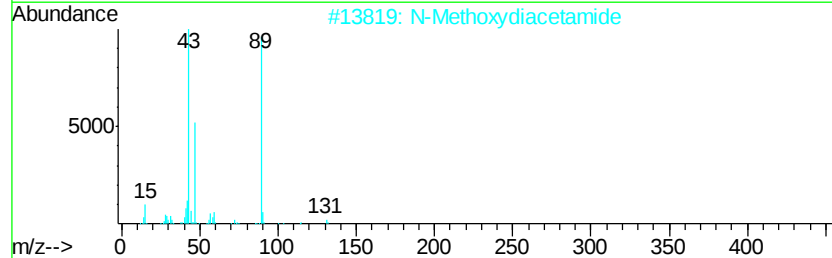
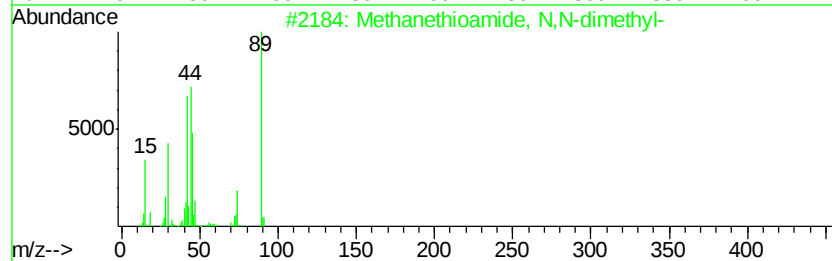
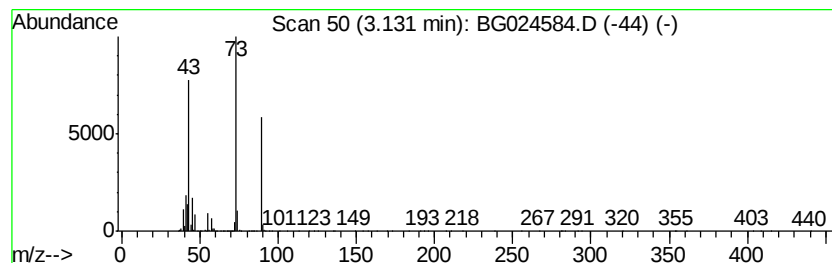
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown3.13 Concentration Rank 1

| R.T. | EstConc   | Area     | Relative to ISTD       | R.T. |
|------|-----------|----------|------------------------|------|
| 3.13 | 439.77 ng | 17529300 | 1,4-Dichlorobenzene-d4 | 8.27 |

| Hit# | of | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------------|-----|---------|-------------|------|
| 1    | 5  | Methanethioamide, N,N-dimethyl- | 89  | C3H7NS  | 000758-16-7 | 37   |
| 2    |    | N-Methoxydiacetamide            | 131 | C5H9NO3 | 128459-09-6 | 28   |
| 3    |    | Acetamide, N-methyl-            | 73  | C3H7NO  | 000079-16-3 | 25   |
| 4    |    | Propane, 2,2-dimethoxy-         | 104 | C5H12O2 | 000077-76-9 | 23   |
| 5    |    | 1-Hepten-4-ol                   | 114 | C7H14O  | 003521-91-3 | 17   |



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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG102516.M  
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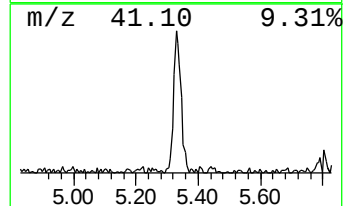
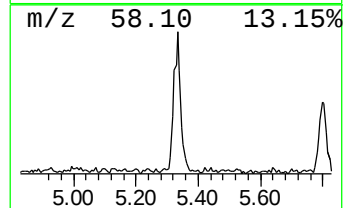
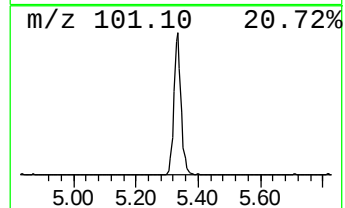
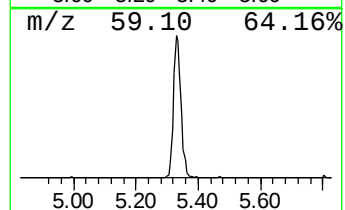
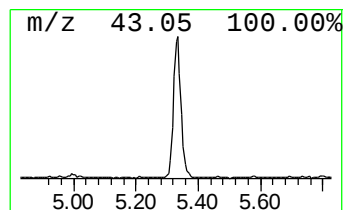
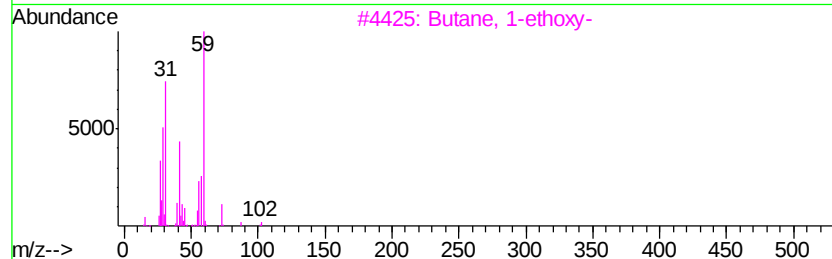
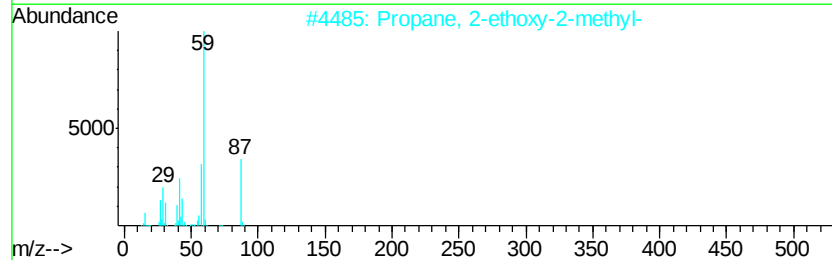
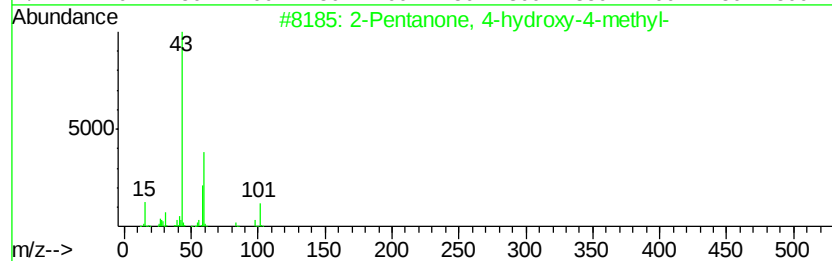
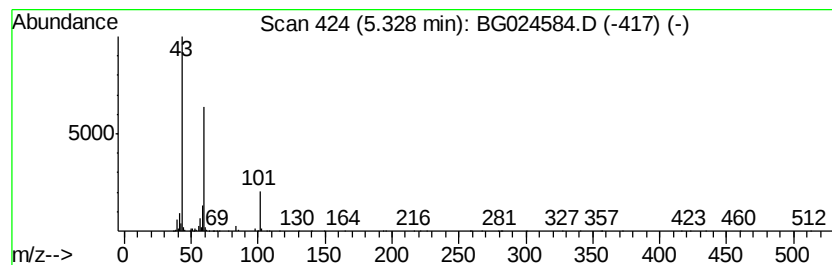
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.33 | 20.88 ng | 832185 | 1,4-Dichlorobenzene-d4 | 8.27 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2 | 000123-42-2 | 50   |
| 2    |    | Propane, 2-ethoxy-2-methyl-        | 102 | C6H14O  | 000637-92-3 | 17   |
| 3    |    | Butane, 1-ethoxy-                  | 102 | C6H14O  | 000628-81-9 | 9    |
| 4    |    | (+)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2 | 016504-58-8 | 9    |
| 5    |    | Acetone                            | 58  | C3H6O   | 000067-64-1 | 9    |



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Instrument :  
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ClientSampleId :  
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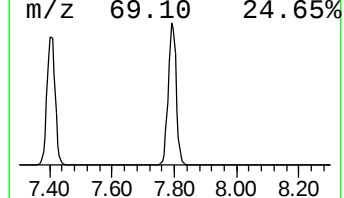
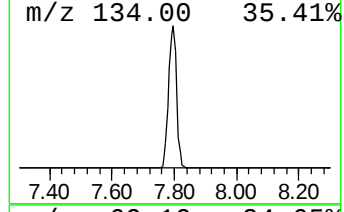
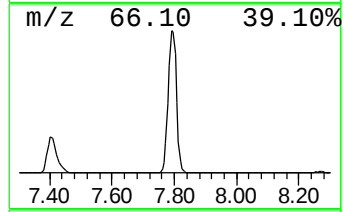
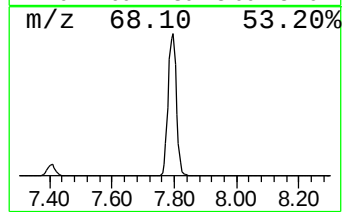
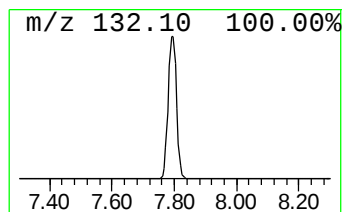
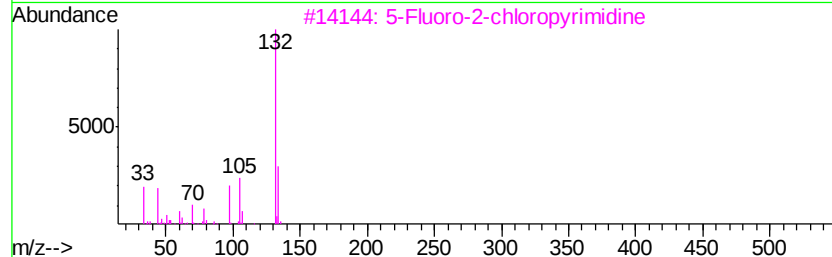
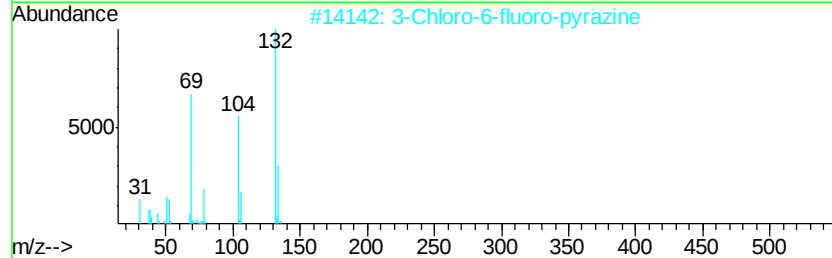
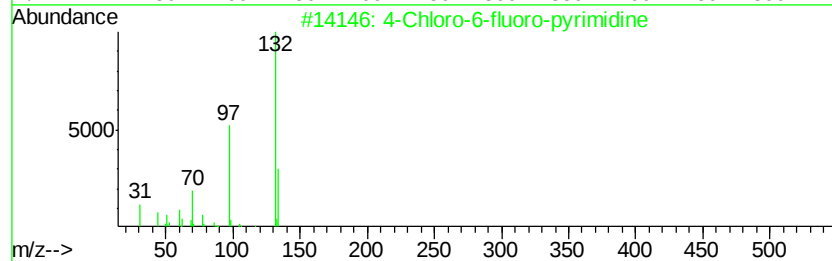
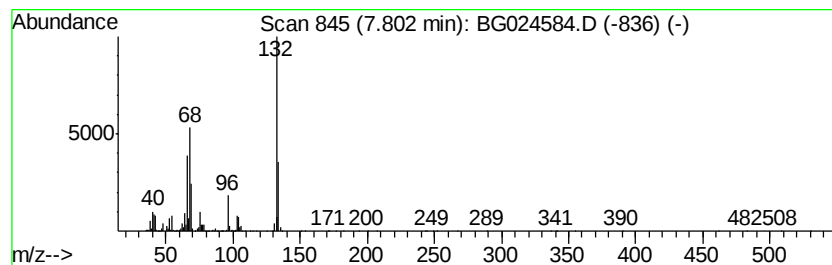
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown7.80 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.80 | 98.43 ng | 3923600 | 1,4-Dichlorobenzene-d4 | 8.27 |

| Hit# | of | Tentative ID                 | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 2    |    | 3-Chloro-6-fluoro-pyrazine   | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 3    |    | 5-Fluoro-2-chloropyrimidine  | 132 | C4H2ClFN2 | 062802-42-0  | 27   |
| 4    |    | 1H-Benzimidazole, 2-methyl-  | 132 | C8H8N2    | 000615-15-6  | 22   |
| 5    |    | Cyclopropanamine, 1-phenyl-  | 133 | C9H11N    | 1000351-26-2 | 14   |



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Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG102516.M  
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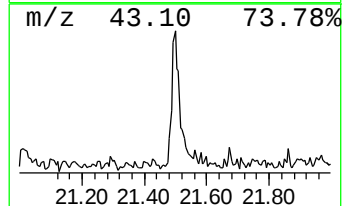
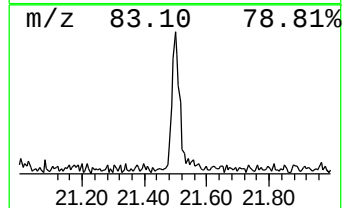
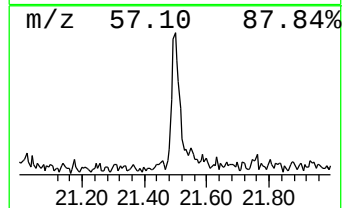
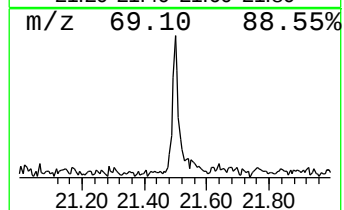
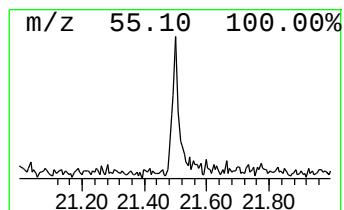
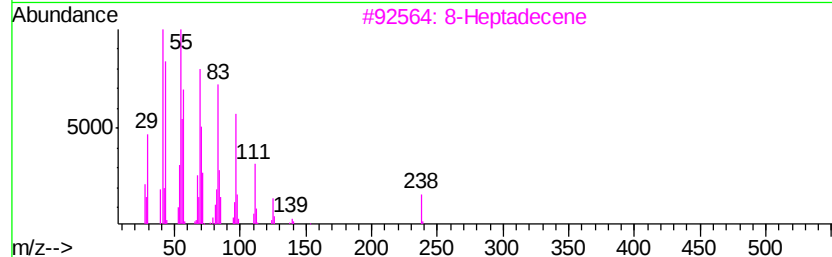
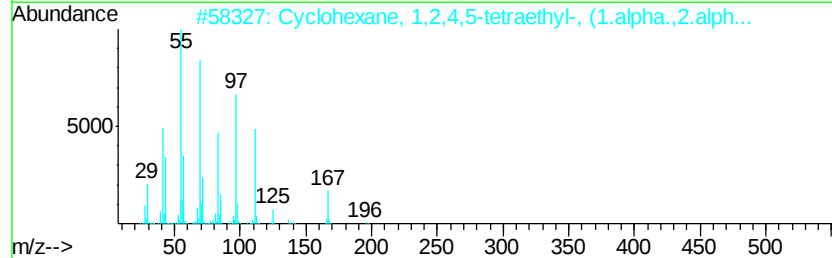
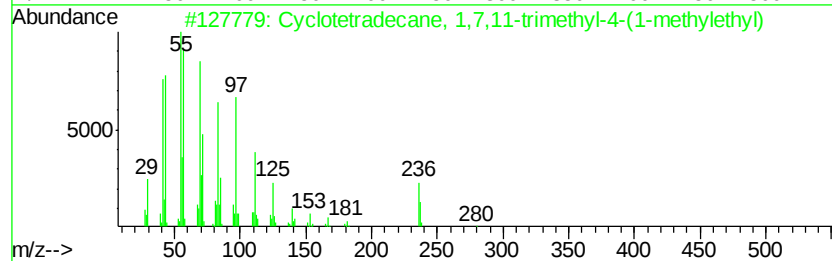
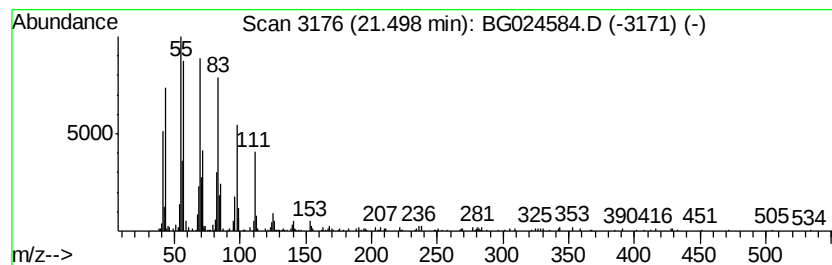
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Cyclotetradecane, 1,7,11-tr... Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 21.50 | 2.94 ng | 402892 | Chrysene-d12     | 21.92 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|---------|---|-------------------------------------|-----|---------|-------------|------|
| 1       |   | Cyclotetradecane, 1,7,11-trimeth... | 280 | C20H40  | 001786-12-5 | 90   |
| 2       |   | Cyclohexane, 1,2,4,5-tetraethyl-... | 196 | C14H28  | 061142-24-3 | 76   |
| 3       |   | 8-Heptadecene                       | 238 | C17H34  | 002579-04-6 | 74   |
| 4       |   | 1-Heptacosanol                      | 396 | C27H56O | 002004-39-9 | 64   |
| 5       |   | 1-Heneicosanol                      | 312 | C21H44O | 015594-90-8 | 64   |



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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown3.13          | 3.13  | 439.8   | ng    | 17529300 | 1                     | 8.27  | 797203  | 20.0 |
| 2-Pentanone, 4-hy... | 5.33  | 20.9    | ng    | 832185   | 1                     | 8.27  | 797203  | 20.0 |
| unknown7.80          | 7.80  | 98.4    | ng    | 3923600  | 1                     | 8.27  | 797203  | 20.0 |
| Cyclotetradecane,... | 21.50 | 2.9     | ng    | 402892   | 5                     | 21.92 | 2740490 | 20.0 |