

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\  
Data File : BG022385.D  
Acq On : 17 Jun 2016 3:40  
Operator : UM/SJ  
Sample : H3567-02  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SB-10-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:\HPCHEM1\BNA\_G\METHODS\8270-BG060616.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         | 2.880       | 3             | 7           | 13           | rVB      | 21944          | 29167         | 2.25%           | 0.314%        |
| 2         | 5.113       | 382           | 387         | 394          | rBV      | 16189          | 30065         | 2.32%           | 0.323%        |
| 3         | 5.366       | 425           | 430         | 442          | rBV      | 30339          | 54090         | 4.17%           | 0.582%        |
| 4         | 5.618       | 465           | 473         | 487          | rBV      | 305591         | 611929        | 47.12%          | 6.584%        |
| 5         | 7.246       | 742           | 750         | 765          | rBV      | 331719         | 704084        | 54.22%          | 7.575%        |
| 6         | 7.592       | 800           | 809         | 821          | rBV      | 382126         | 746289        | 57.47%          | 8.029%        |
| 7         | 8.051       | 880           | 887         | 899          | rBV      | 102306         | 195607        | 15.06%          | 2.105%        |
| 8         | 8.374       | 933           | 942         | 953          | rBV      | 283739         | 558996        | 43.05%          | 6.014%        |
| 9         | 9.226       | 1079          | 1087        | 1102         | rBV      | 186929         | 425686        | 32.78%          | 4.580%        |
| 10        | 10.877      | 1360          | 1368        | 1379         | rBV      | 152923         | 342929        | 26.41%          | 3.690%        |
| 11        | 13.315      | 1775          | 1783        | 1804         | rBV      | 617042         | 1160451       | 89.36%          | 12.485%       |
| 12        | 14.144      | 1918          | 1924        | 1939         | rBV      | 32152          | 64524         | 4.97%           | 0.694%        |
| 13        | 14.696      | 2010          | 2018        | 2033         | rBV2     | 273013         | 530036        | 40.82%          | 5.703%        |
| 14        | 16.188      | 2265          | 2272        | 2289         | rBV      | 391779         | 754126        | 58.07%          | 8.114%        |
| 15        | 16.370      | 2297          | 2303        | 2313         | rVB5     | 8709           | 18885         | 1.45%           | 0.203%        |
| 16        | 17.440      | 2477          | 2485        | 2499         | rBV2     | 296101         | 575699        | 44.33%          | 6.194%        |
| 17        | 19.490      | 2826          | 2834        | 2838         | rBV3     | 9774           | 18060         | 1.39%           | 0.194%        |
| 18        | 19.849      | 2890          | 2895        | 2899         | rVB2     | 9058           | 14057         | 1.08%           | 0.151%        |
| 19        | 20.031      | 2920          | 2926        | 2941         | rBV      | 862163         | 1298574       | 100.00%         | 13.971%       |
| 20        | 21.318      | 3138          | 3145        | 3154         | rBV2     | 25587          | 59685         | 4.60%           | 0.642%        |
| 21        | 21.705      | 3204          | 3211        | 3227         | rBV      | 284678         | 581538        | 44.78%          | 6.257%        |
| 22        | 24.972      | 3756          | 3767        | 3783         | rVB3     | 143526         | 520173        | 40.06%          | 5.596%        |

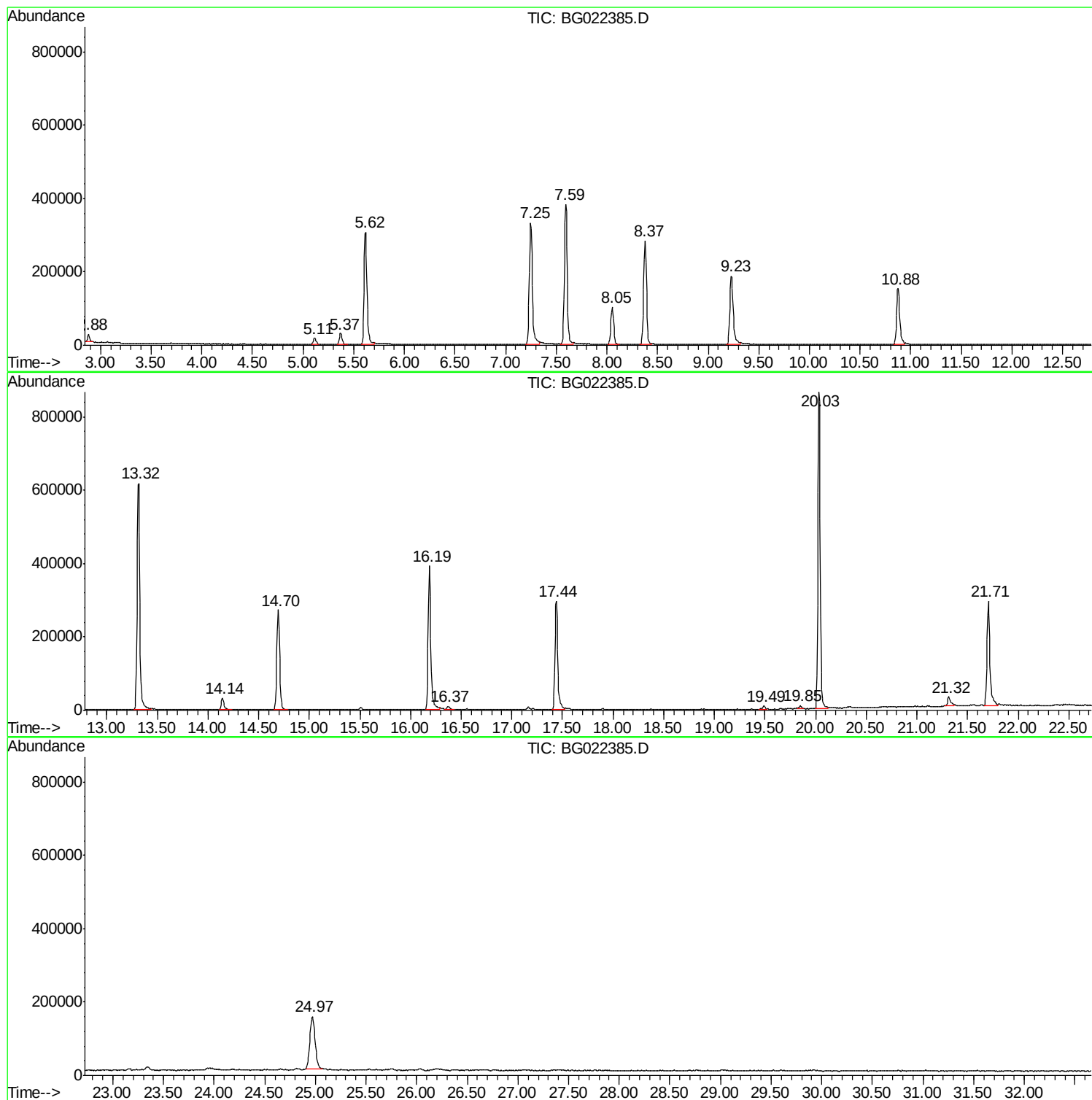
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Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SB-10-COMP

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.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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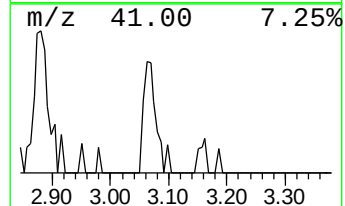
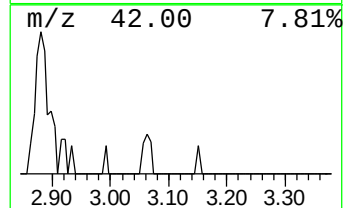
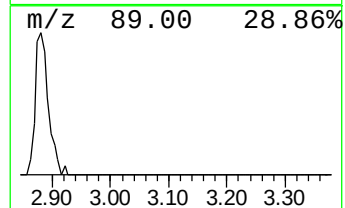
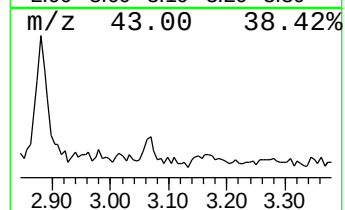
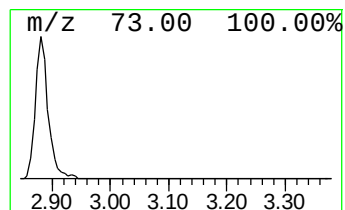
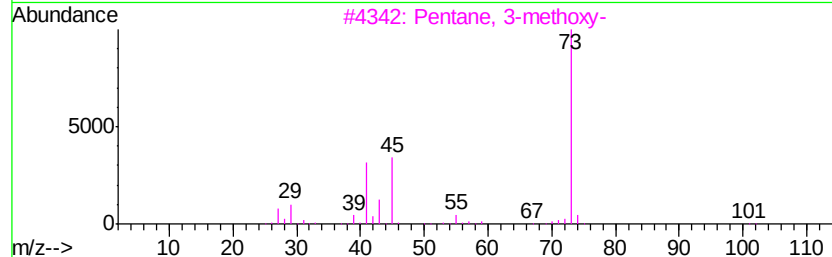
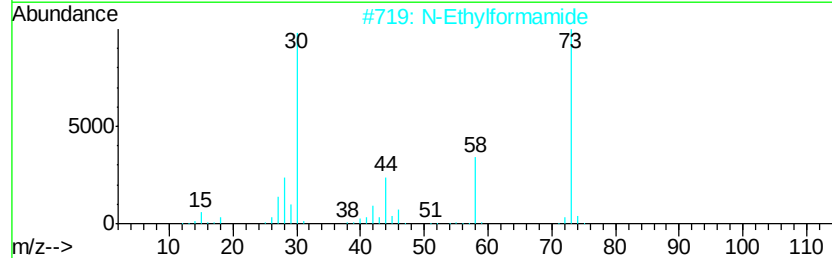
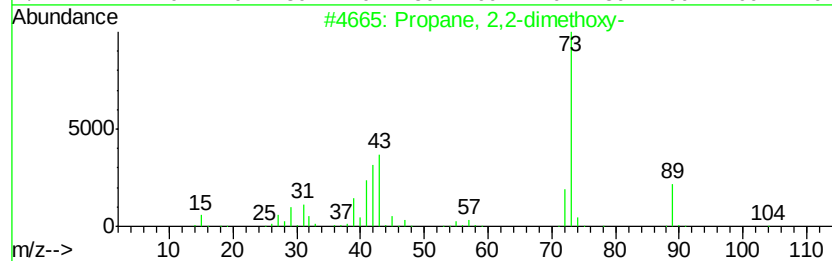
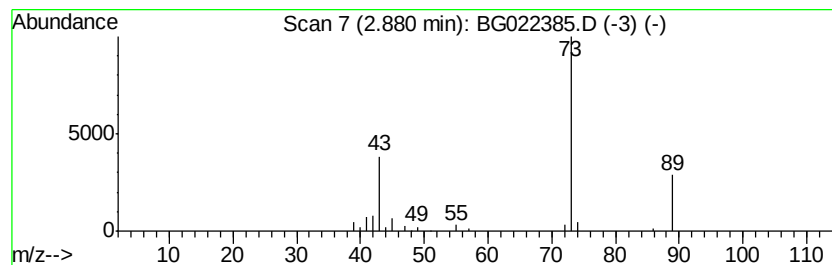
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 5

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 2.88 | 2.98 ng | 29167 | 1,4-Dichlorobenzene-d4 | 8.05 |

| Hit# | of | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------|-----|---------|-------------|------|
| 1    | 5  | Propane, 2,2-dimethoxy-  | 104 | C5H12O2 | 000077-76-9 | 50   |
| 2    |    | N-Ethylformamide         | 73  | C3H7NO  | 000627-45-2 | 32   |
| 3    |    | Pentane, 3-methoxy-      | 102 | C6H14O  | 036839-67-5 | 9    |
| 4    |    | Methane, isothiocyanato- | 73  | C2H3NS  | 000556-61-6 | 7    |
| 5    |    | .beta.-Alanine           | 89  | C3H7NO2 | 000107-95-9 | 5    |



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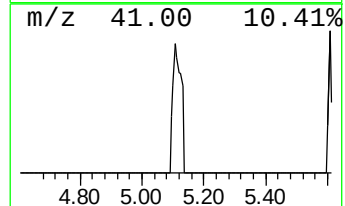
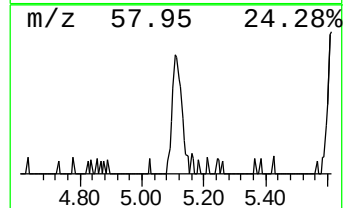
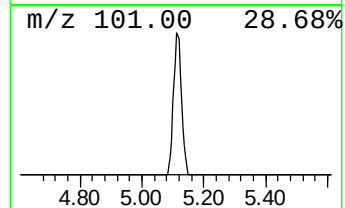
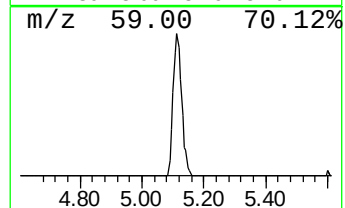
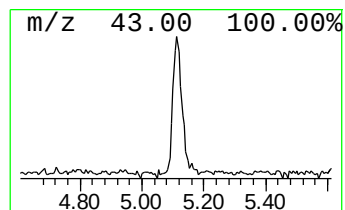
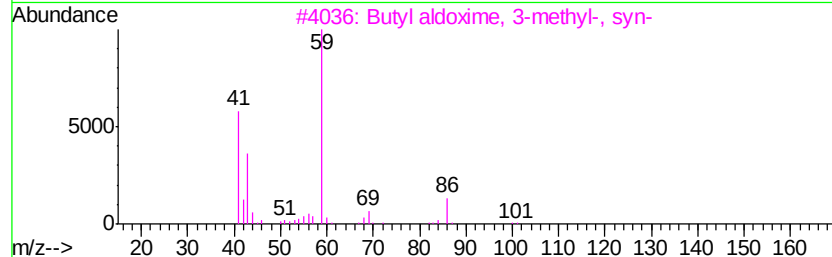
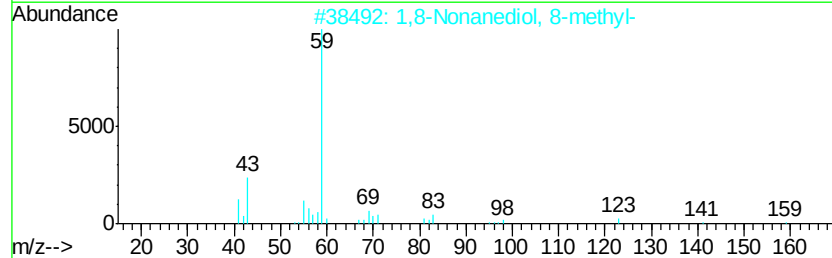
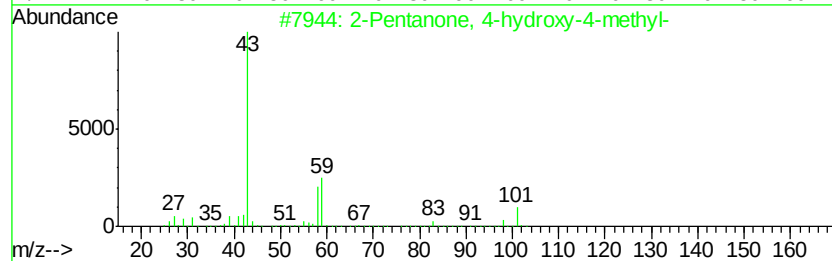
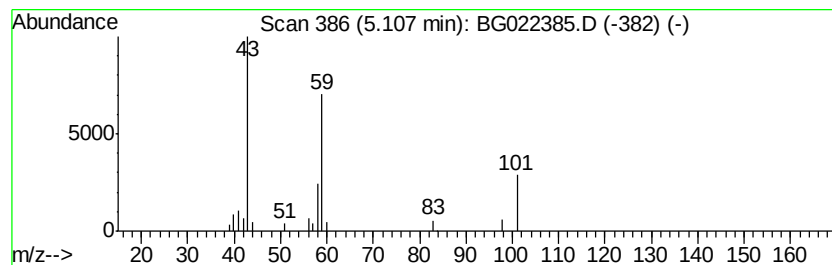
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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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. |
|------|---------|-------|------------------------|------|
| 5.11 | 3.07 ng | 30065 | 1,4-Dichlorobenzene-d4 | 8.05 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2  | 000123-42-2 | 42   |
| 2    |    |   | 1,8-Nonanediol, 8-methyl-          | 174 | C10H22O2 | 054725-73-4 | 17   |
| 3    |    |   | Butyl aldoxime, 3-methyl-, syn-    | 101 | C5H11NO  | 005780-40-5 | 12   |
| 4    |    |   | (+)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2  | 016504-58-8 | 9    |
| 5    |    |   | Guanidine                          | 59  | CH5N3    | 000113-00-8 | 9    |



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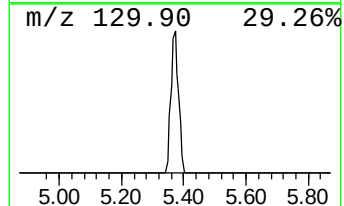
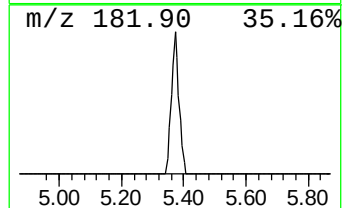
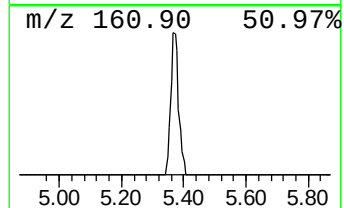
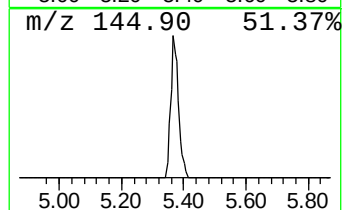
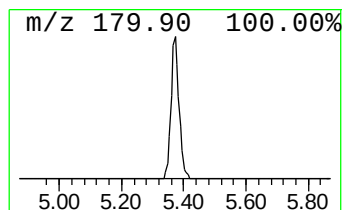
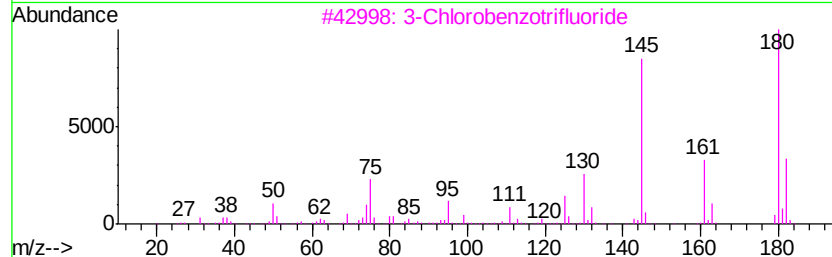
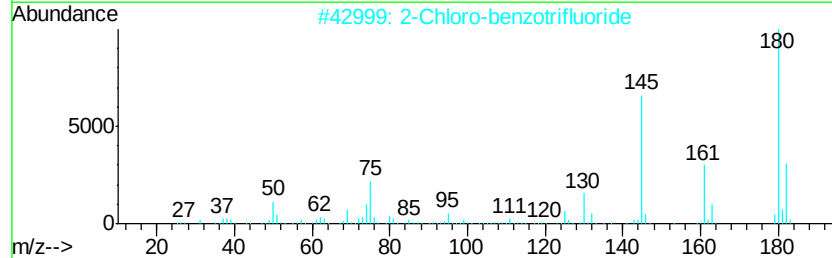
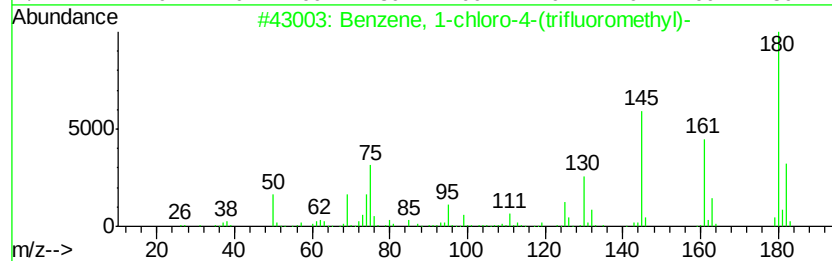
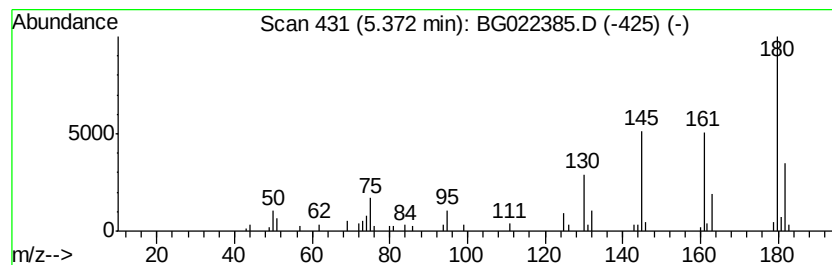
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 Benzene, 1-chloro-4-(triflu... Concentration Rank 3

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.37 | 5.53 ng | 54090 | 1,4-Dichlorobenzene-d4 | 8.05 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Benzene, 1-chloro-4-(trifluorome... | 180 | C7H4ClF3 | 000098-56-6 | 94   |
| 2    |    | 2-Chloro-benzotrifluoride           | 180 | C7H4ClF3 | 000088-16-4 | 93   |
| 3    |    | 3-Chlorobenzotrifluoride            | 180 | C7H4ClF3 | 000098-15-7 | 91   |
| 4    |    | 2-Fluoro-5-hydroxybenzotrifluoride  | 180 | C7H4F4O  | 061721-07-1 | 38   |
| 5    |    | 2-Fluoro-5-(trifluoromethyl)phenol  | 180 | C7H4F4O  | 141483-15-0 | 28   |



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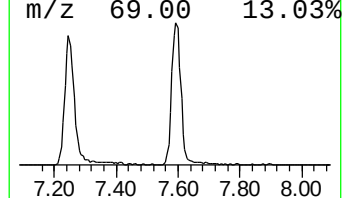
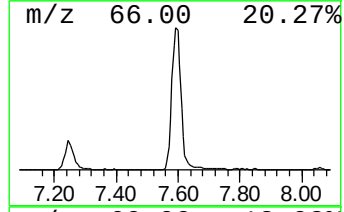
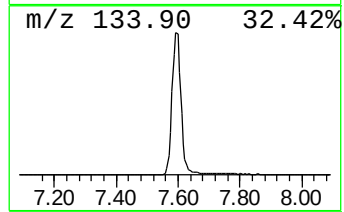
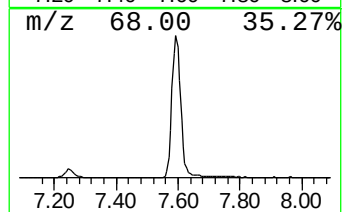
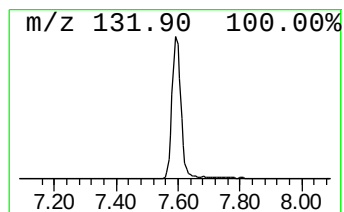
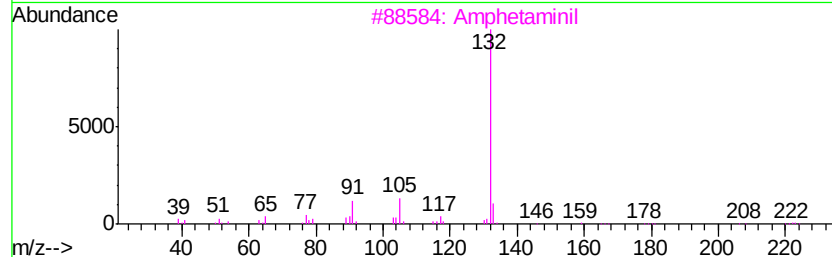
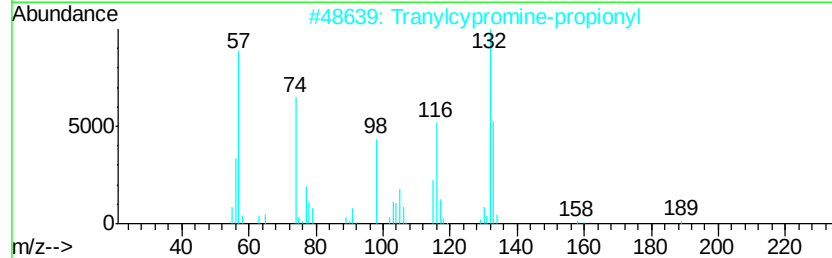
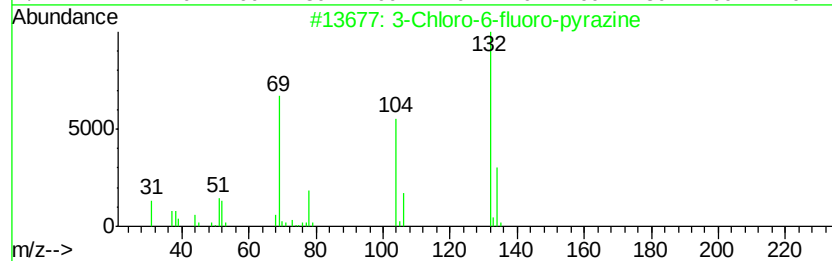
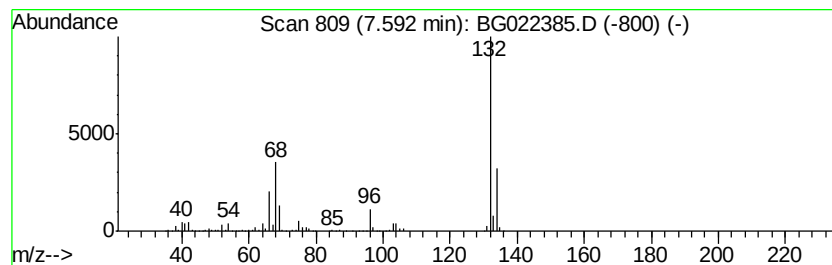
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Peak Number 4 unknown7.59 Concentration Rank 1

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 7.59 | 76.30 ng | 746289 | 1,4-Dichlorobenzene-d4 | 8.05 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 25   |
| 2    |    | Tranylcypromine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 3    |    | Amphetaminil                     | 250 | C17H18N2  | 017590-01-1  | 12   |
| 4    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 12   |
| 5    |    | 4-Chloro-2-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-00-5  | 9    |



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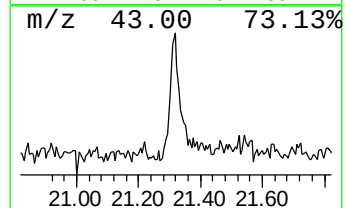
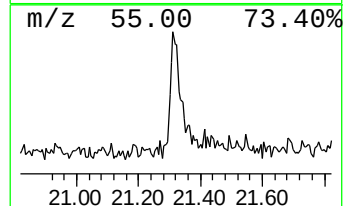
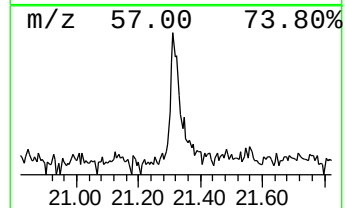
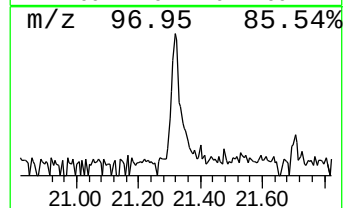
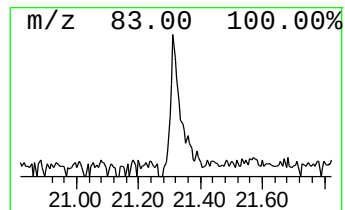
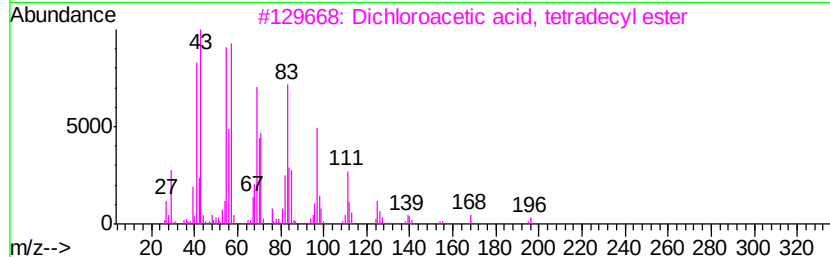
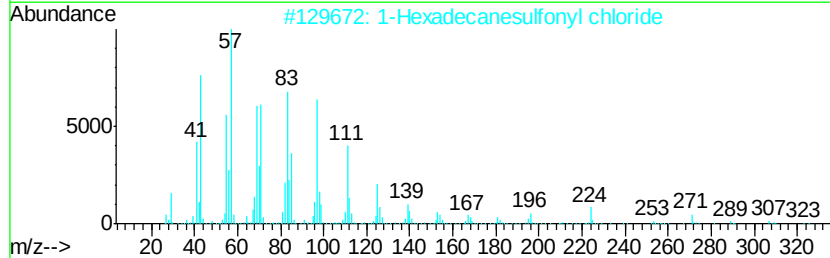
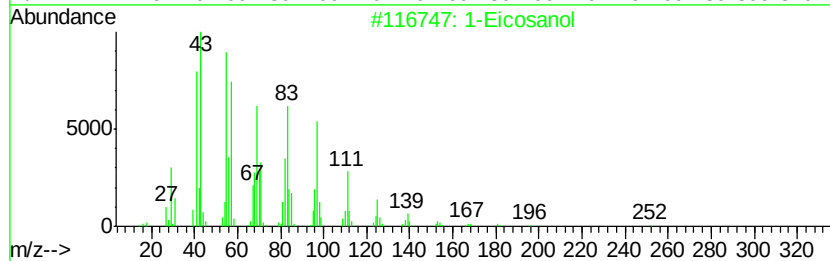
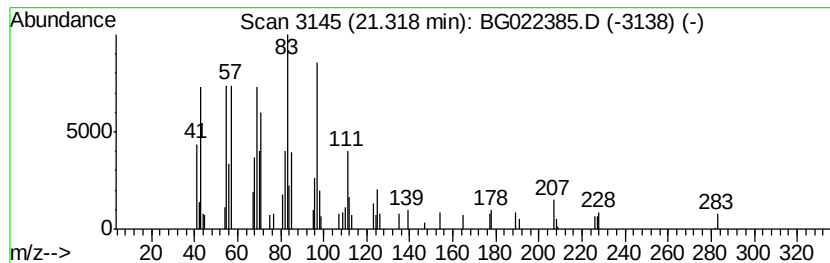
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\*\*\*\*\*  
Peak Number 6 1-Eicosanol Concentration Rank 6

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.            |
|---------|-------------------------------------|--------------|------------------|-----------------|
| 21.32   | 2.05 ng                             | 59685        | Chrysene-d12     | 21.71           |
| Hit# of | 5                                   | Tentative ID | MW MolForm       | CAS# Qual       |
| 1       | 1-Eicosanol                         | 298          | C20H42O          | 000629-96-9 87  |
| 2       | 1-Hexadecanesulfonyl chloride       | 324          | C16H33ClO2S      | 038775-38-1 87  |
| 3       | Dichloroacetic acid, tetradecyl ... | 324          | C16H30Cl2O2      | 083005-02-1 86  |
| 4       | Heptafluorobutyric acid, n-octad... | 466          | C22H37F7O2       | 000400-57-7 74  |
| 5       | Pentafluoropropionic acid, hepta... | 402          | C20H35F5O2       | 1000283-04-2 74 |



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Operator : UM/SJ  
Sample : H3567-02  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SB-10-COMP

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060616.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... | 2.88  | 3.0     | ng    | 29167    | 1                     | 8.05  | 195607 | 20.0 |
| 2-Pentanone, 4-hy... | 5.11  | 3.1     | ng    | 30065    | 1                     | 8.05  | 195607 | 20.0 |
| Benzene, 1-chloro... | 5.37  | 5.5     | ng    | 54090    | 1                     | 8.05  | 195607 | 20.0 |
| unknown7.59          | 7.59  | 76.3    | ng    | 746289   | 1                     | 8.05  | 195607 | 20.0 |
| 1-Eicosanol          | 21.32 | 2.0     | ng    | 59685    | 5                     | 21.71 | 581538 | 20.0 |