

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\  
 Data File : BG044000.D  
 Acq On : 10 Jan 2020 13:39  
 Operator : JU  
 Sample : PB126006BL  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126006BL

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-BG123019.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         | 3.136       | 3             | 8           | 22           | rVB      | 43730          | 91590         | 1.29%           | 0.223%        |
| 2         | 5.058       | 329           | 335         | 346          | rBV      | 413289         | 663299        | 9.33%           | 1.614%        |
| 3         | 5.528       | 408           | 415         | 430          | rBV      | 1858763        | 3081335       | 43.33%          | 7.499%        |
| 4         | 7.120       | 676           | 686         | 696          | rBV      | 1959129        | 3449659       | 48.51%          | 8.395%        |
| 5         | 7.484       | 739           | 748         | 760          | rBV      | 1957935        | 3441960       | 48.40%          | 8.376%        |
| 6         | 7.954       | 820           | 828         | 836          | rBV      | 351728         | 608339        | 8.55%           | 1.480%        |
| 7         | 8.277       | 875           | 883         | 891          | rBV      | 1477490        | 2669438       | 37.54%          | 6.496%        |
| 8         | 9.106       | 1015          | 1024        | 1038         | rBV      | 1134961        | 2075258       | 29.18%          | 5.050%        |
| 9         | 10.751      | 1293          | 1304        | 1316         | rBV      | 475211         | 862192        | 12.12%          | 2.098%        |
| 10        | 13.207      | 1714          | 1722        | 1737         | rBV      | 3019422        | 4862414       | 68.38%          | 11.833%       |
| 11        | 14.582      | 1949          | 1956        | 1969         | rBV2     | 765493         | 1214022       | 17.07%          | 2.954%        |
| 12        | 16.068      | 2202          | 2209        | 2230         | rBV      | 2356524        | 3745133       | 52.67%          | 9.114%        |
| 13        | 17.326      | 2416          | 2423        | 2432         | rBV      | 949830         | 1447072       | 20.35%          | 3.522%        |
| 14        | 19.940      | 2862          | 2868        | 2882         | rBV      | 5380952        | 7111102       | 100.00%         | 17.306%       |
| 15        | 21.573      | 3139          | 3146        | 3153         | rBV      | 912179         | 1535089       | 21.59%          | 3.736%        |
| 16        | 21.732      | 3159          | 3173        | 3217         | rVB4     | 305628         | 2676095       | 37.63%          | 6.513%        |
| 17        | 24.693      | 3666          | 3677        | 3699         | rBV      | 518674         | 1557193       | 21.90%          | 3.790%        |

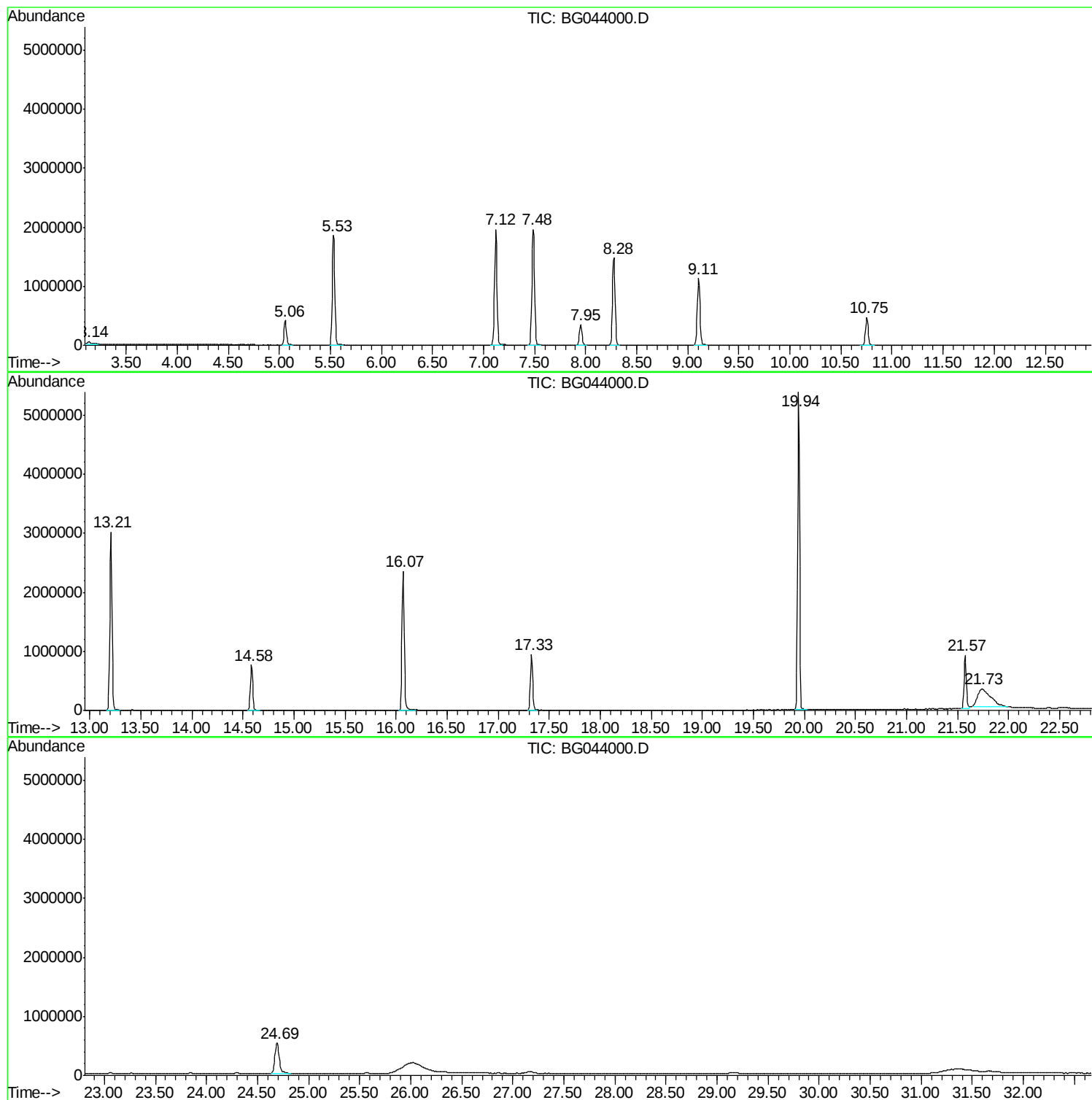
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TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P



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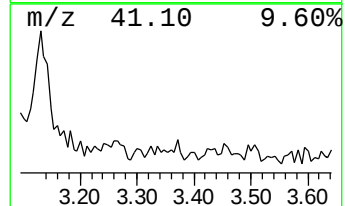
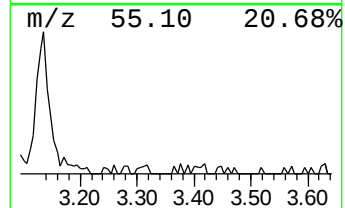
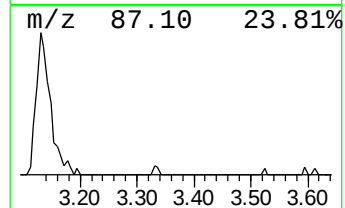
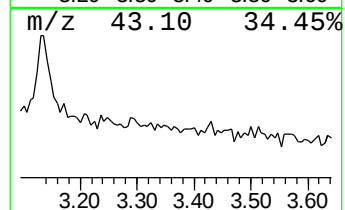
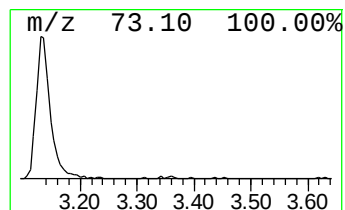
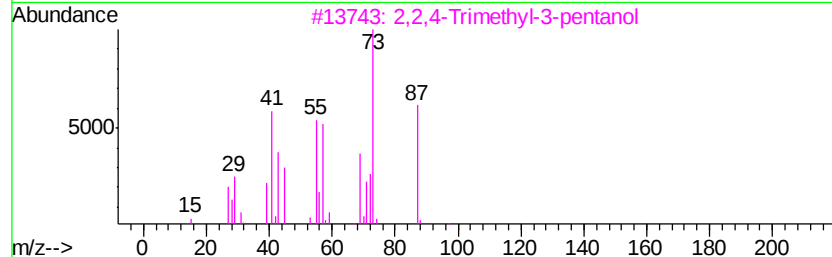
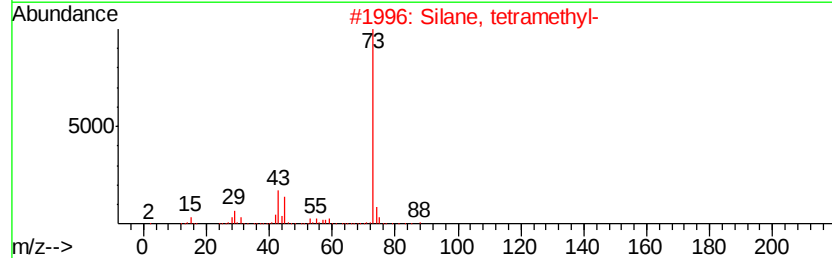
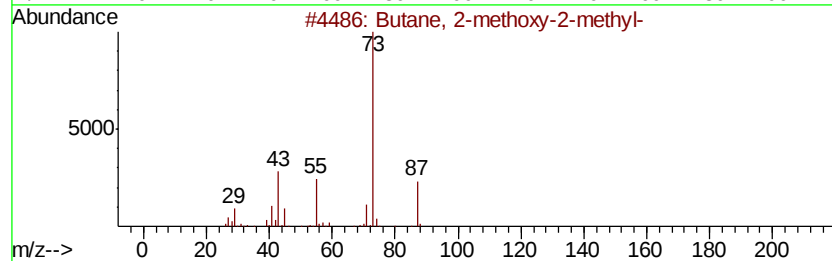
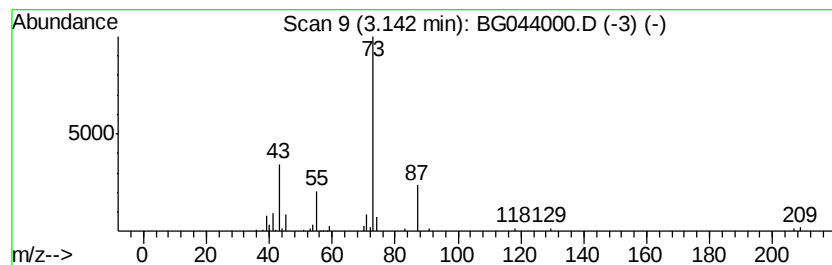
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 3.14 | 3.01 ng | 91590 | 1,4-Dichlorobenzene-d4 | 7.95 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 43   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 4    |    |   | 2-Methyl-5-hexen-3-ol       | 114 | C7H14O  | 032815-70-6 | 37   |
| 5    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |



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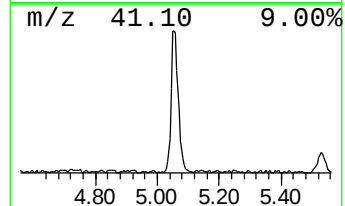
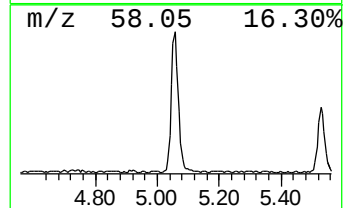
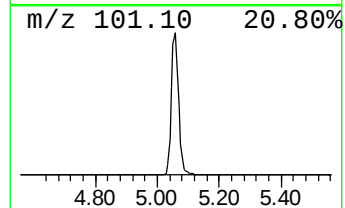
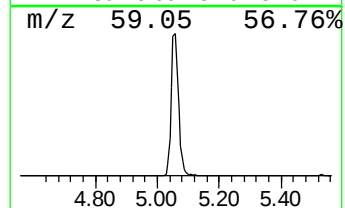
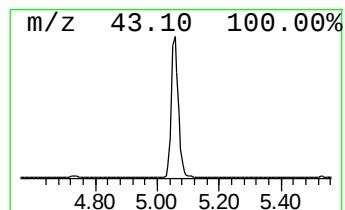
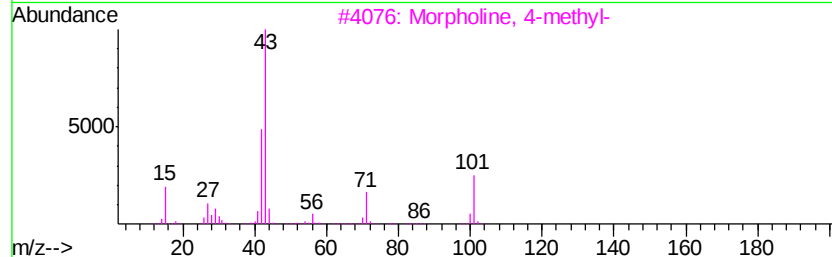
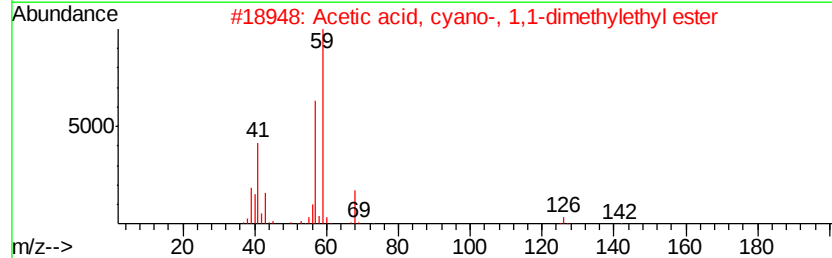
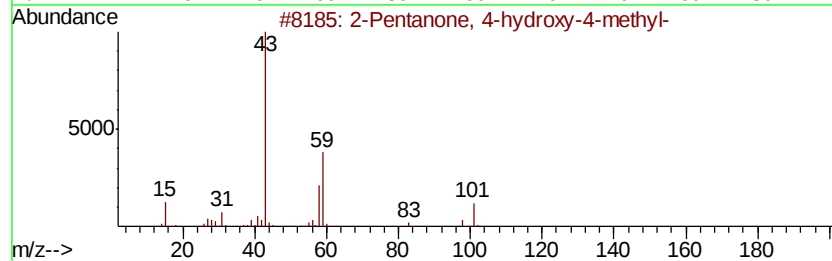
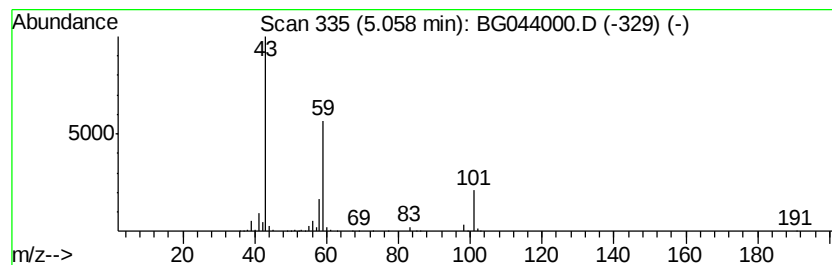
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.06 | 21.81 ng | 663299 | 1,4-Dichlorobenzene-d4 | 7.95 |

| Hit# of | 5                                    | Tentative ID | MW       | MolForm     | CAS# | Qual |
|---------|--------------------------------------|--------------|----------|-------------|------|------|
| 1       | 2-Pentanone, 4-hydroxy-4-methyl-     | 116          | C6H12O2  | 000123-42-2 | 50   |      |
| 2       | Acetic acid, cyano-, 1,1-dimethyl... | 141          | C7H11NO2 | 001116-98-9 | 23   |      |
| 3       | Morpholine, 4-methyl-                | 101          | C5H11NO  | 000109-02-4 | 9    |      |
| 4       | (+)-4-Amino-4,5-dihydro-2(3H)-f...   | 101          | C4H7NO2  | 016504-58-8 | 9    |      |
| 5       | 2,3-Butanedione, monooxime           | 101          | C4H7NO2  | 000057-71-6 | 9    |      |



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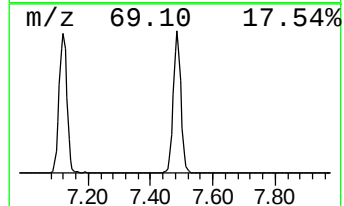
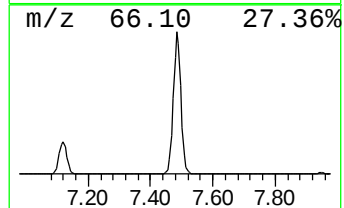
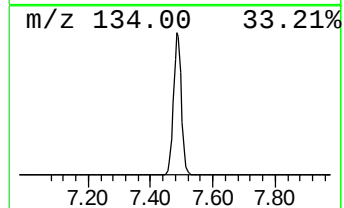
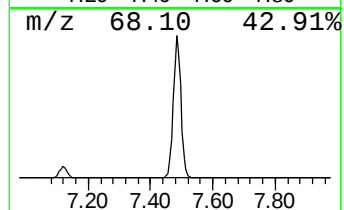
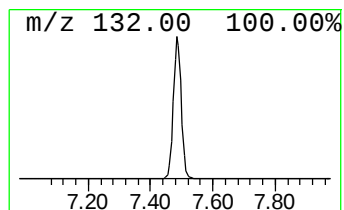
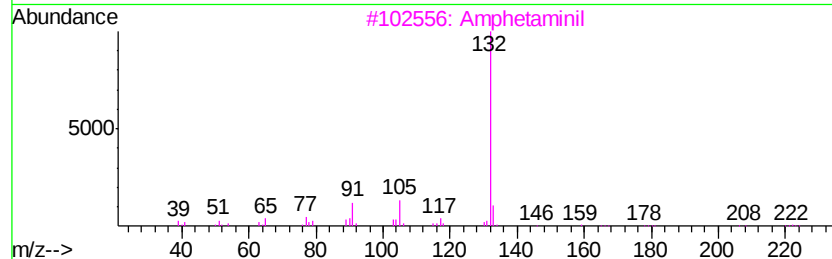
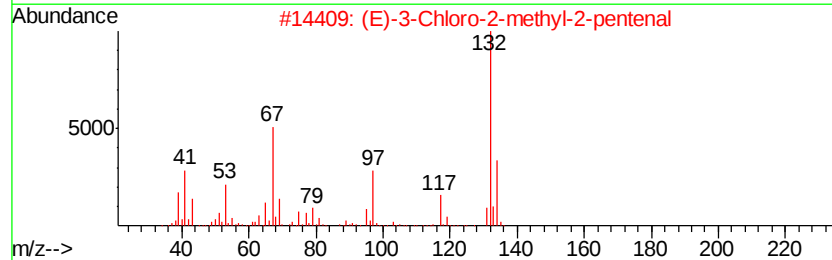
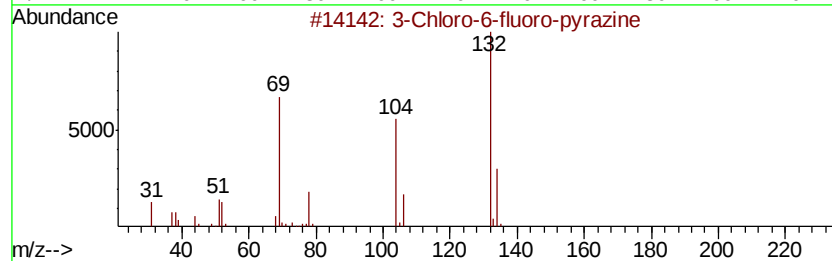
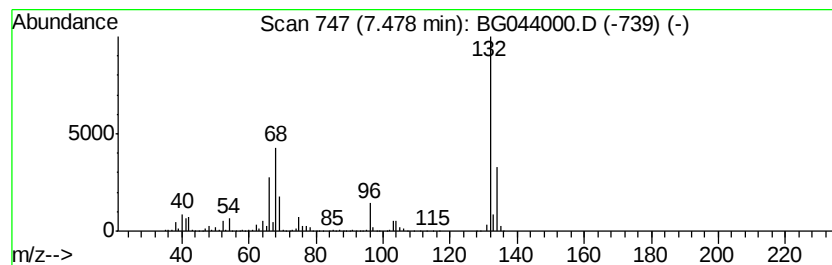
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TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown7.48 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.48 | 113.16 ng | 3441960 | 1,4-Dichlorobenzene-d4 | 7.95 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 16   |
| 3    |    | Amphetaminil                        | 250 | C17H18N2  | 017590-01-1  | 12   |
| 4    |    | 1,2,4-Trifluorobenzene              | 132 | C6H3F3    | 000367-23-7  | 9    |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |



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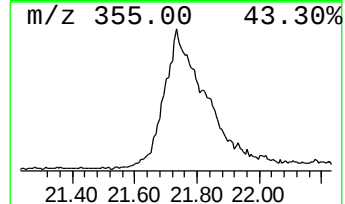
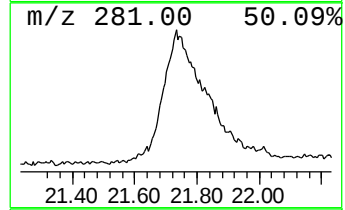
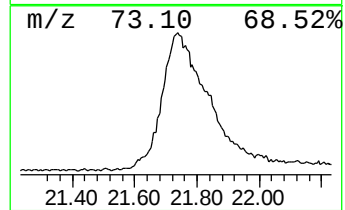
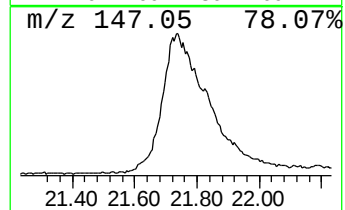
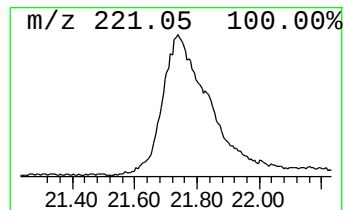
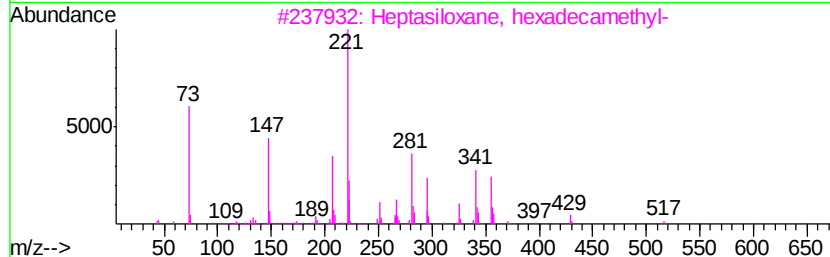
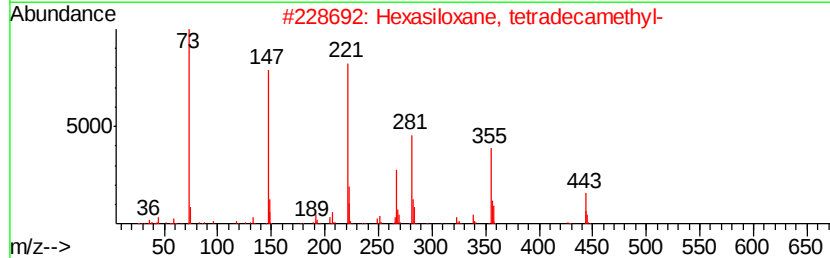
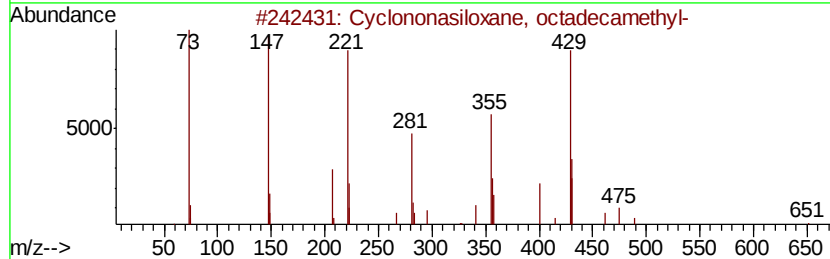
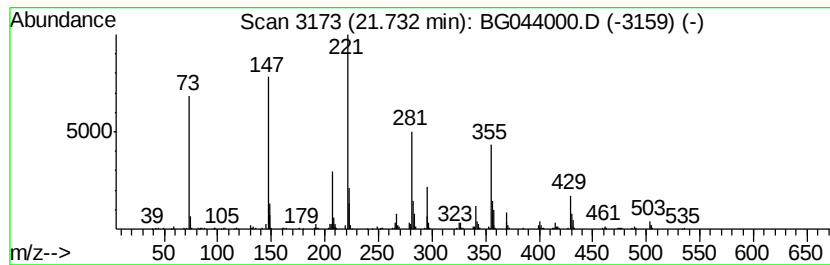
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Peak Number 5 Cyclononasiloxane, octadeca... Concentration Rank 3

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 21.73 | 34.87 ng | 2676100 | Chrysene-d12     | 21.57 |

| Hit# | of | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|-------------------------------------|-----|-------------|-------------|------|
| 1    | 5  | Cyclononasiloxane, octadecamethyl-  | 666 | C18H5409Si9 | 000556-71-8 | 87   |
| 2    |    | Hexasiloxane, tetradecamethyl-      | 458 | C14H4205Si6 | 000107-52-8 | 87   |
| 3    |    | Heptasiloxane, hexadecamethyl-      | 532 | C16H4806Si7 | 000541-01-5 | 50   |
| 4    |    | 2-Amino-2-oxo-acetic acid, N-[3,... | 221 | C12H15N03   | 024451-17-0 | 38   |
| 5    |    | 3,6-Dioxa-2,4,5,7-tetrasilaoctan... | 294 | C10H3002Si4 | 004342-25-0 | 28   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Butane, 2-methoxy... | 3.14  | 3.0     | ng    | 91590    | 1                     | 7.95  | 608339  | 20.0 |
| 2-Pentanone, 4-hy... | 5.06  | 21.8    | ng    | 663299   | 1                     | 7.95  | 608339  | 20.0 |
| unknown7.48          | 7.48  | 113.2   | ng    | 3441960  | 1                     | 7.95  | 608339  | 20.0 |
| Cyclononasiloxane... | 21.73 | 34.9    | ng    | 2676100  | 5                     | 21.57 | 1535090 | 20.0 |