

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\  
 Data File : BG044080.D  
 Acq On : 17 Jan 2020 18:39  
 Operator : JU  
 Sample : PB126101BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB126101BL

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-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         | 5.035       | 325           | 331         | 343          | rBV      | 185965         | 287142        | 4.86%           | 1.008%        |
| 2         | 5.511       | 405           | 412         | 429          | rBV      | 940208         | 1507208       | 25.50%          | 5.293%        |
| 3         | 7.103       | 675           | 683         | 693          | rBV      | 654942         | 1134098       | 19.19%          | 3.983%        |
| 4         | 7.467       | 736           | 745         | 755          | rBV      | 1405654        | 2445550       | 41.38%          | 8.588%        |
| 5         | 7.931       | 817           | 824         | 832          | rVB      | 260688         | 435569        | 7.37%           | 1.530%        |
| 6         | 8.254       | 871           | 879         | 889          | rBV      | 1048691        | 1832065       | 31.00%          | 6.434%        |
| 7         | 9.089       | 1012          | 1021        | 1037         | rBV      | 841502         | 1533798       | 25.95%          | 5.386%        |
| 8         | 10.734      | 1292          | 1301        | 1314         | rBV      | 351164         | 646905        | 10.95%          | 2.272%        |
| 9         | 13.196      | 1712          | 1720        | 1737         | rBV      | 2282765        | 3798848       | 64.28%          | 13.340%       |
| 10        | 14.571      | 1942          | 1954        | 1967         | rBV      | 623257         | 1045639       | 17.69%          | 3.672%        |
| 11        | 16.057      | 2199          | 2207        | 2221         | rBV      | 2112290        | 3384985       | 57.27%          | 11.887%       |
| 12        | 17.314      | 2414          | 2421        | 2435         | rBV      | 802041         | 1271920       | 21.52%          | 4.467%        |
| 13        | 19.929      | 2859          | 2866        | 2879         | rBV      | 4305366        | 5910251       | 100.00%         | 20.755%       |
| 14        | 21.557      | 3137          | 3143        | 3152         | rBV      | 789842         | 1279924       | 21.66%          | 4.495%        |
| 15        | 21.774      | 3175          | 3180        | 3184         | rBV      | 47835          | 66421         | 1.12%           | 0.233%        |
| 16        | 22.361      | 3276          | 3280        | 3289         | rVB      | 73065          | 119157        | 2.02%           | 0.418%        |
| 17        | 23.037      | 3390          | 3395        | 3404         | rVB2     | 84959          | 162638        | 2.75%           | 0.571%        |
| 18        | 23.813      | 3522          | 3527        | 3535         | rVB2     | 77169          | 164825        | 2.79%           | 0.579%        |
| 19        | 24.671      | 3663          | 3673        | 3681         | rBV      | 468803         | 1328339       | 22.48%          | 4.665%        |
| 20        | 25.822      | 3864          | 3869        | 3881         | rVB3     | 43943          | 121371        | 2.05%           | 0.426%        |

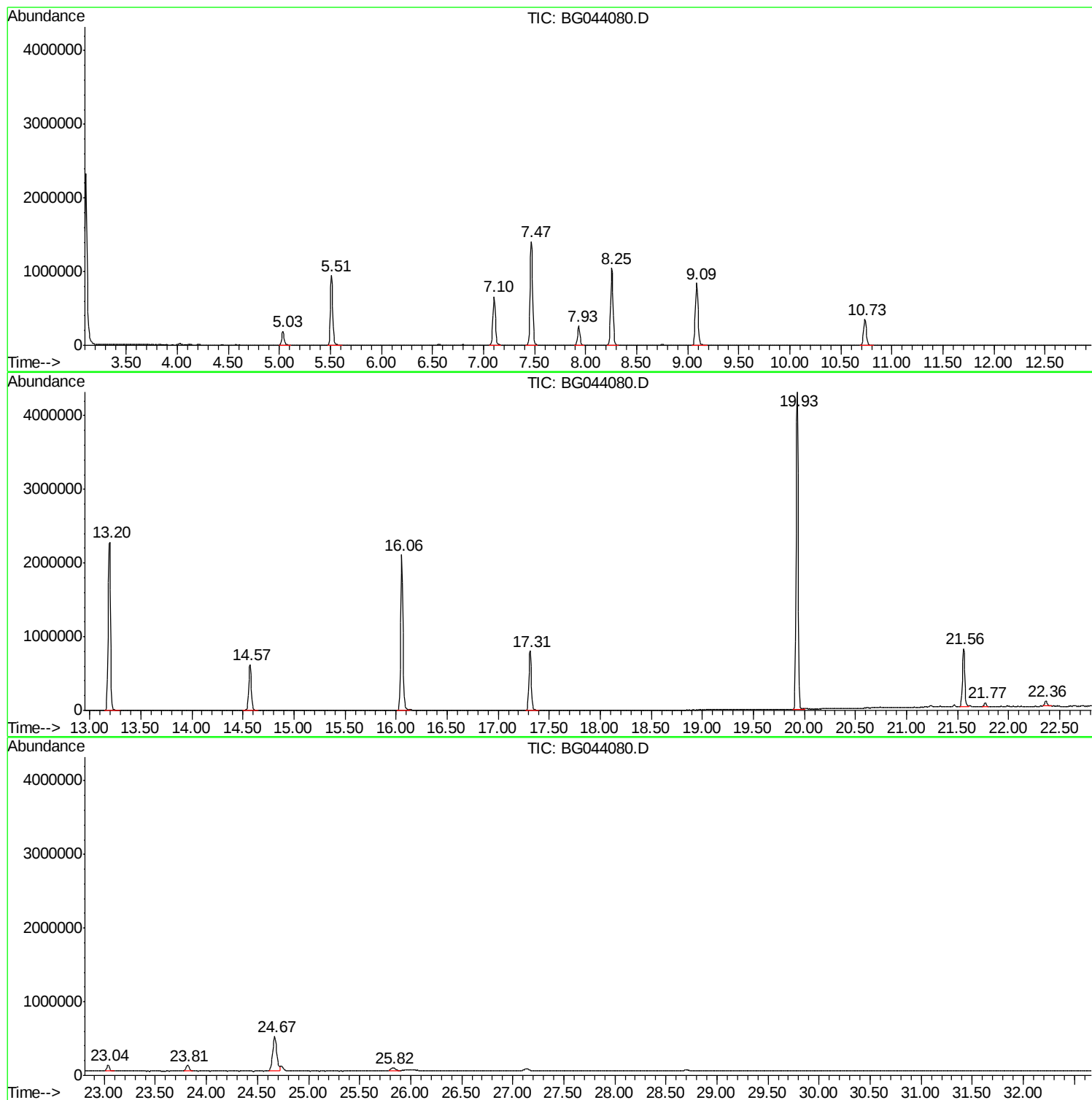
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Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB126101BL

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\  
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Operator : JU  
Sample : PB126101BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

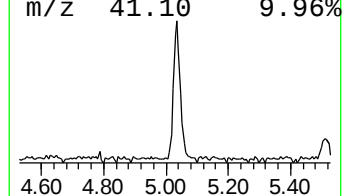
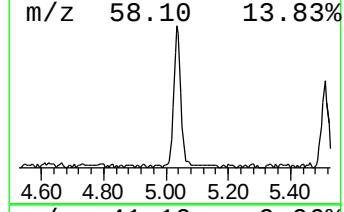
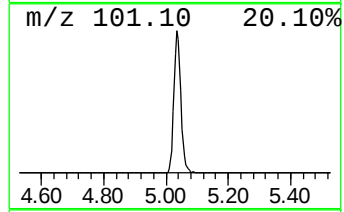
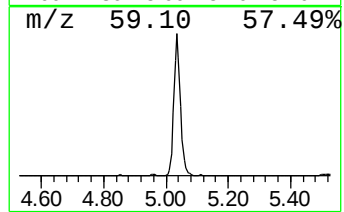
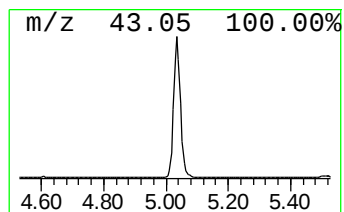
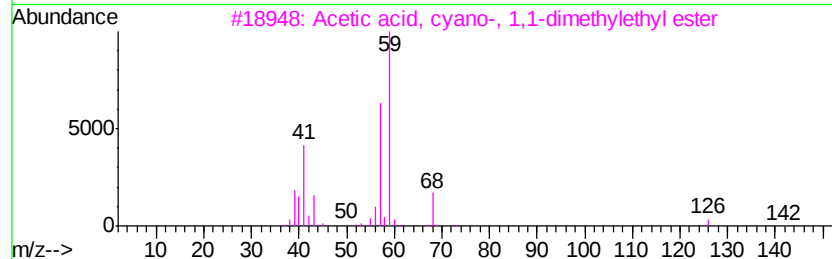
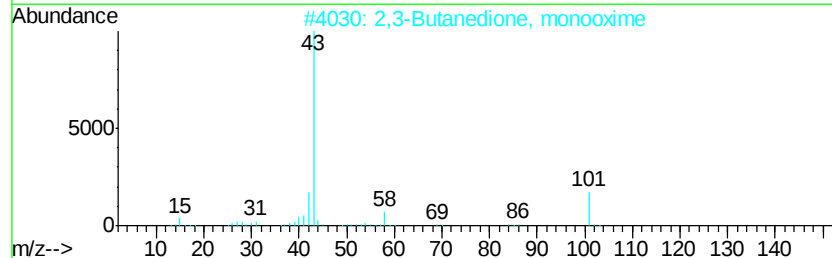
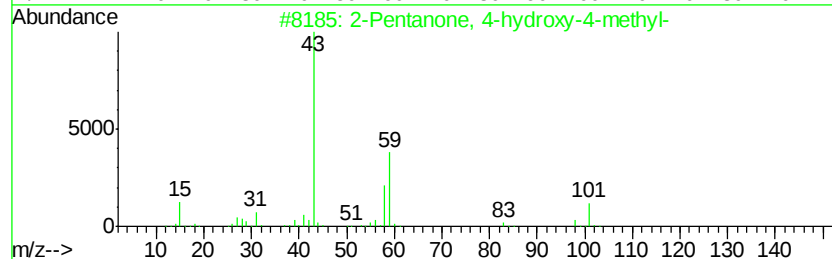
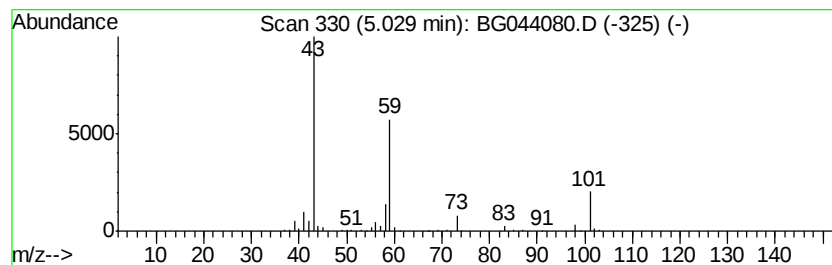
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 5.03 | 13.18 ng | 287142 | 1,4-Dichlorobenzene-d4 | 7.93 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-     | 116 | C6H12O2  | 000123-42-2 | 64   |
| 2    |    |   | 2,3-Butanedione, monooxime           | 101 | C4H7NO2  | 000057-71-6 | 35   |
| 3    |    |   | Acetic acid, cyano-, 1,1-dimethyl... | 141 | C7H11NO2 | 001116-98-9 | 17   |
| 4    |    |   | Propane, 1-ethoxy-2-methyl-          | 102 | C6H14O   | 000627-02-1 | 17   |
| 5    |    |   | (+)-4-Amino-4,5-dihydro-2(3H)-f...   | 101 | C4H7NO2  | 016504-58-8 | 9    |



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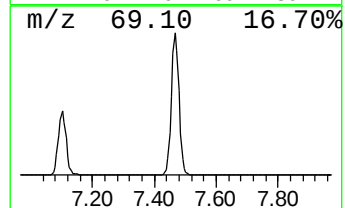
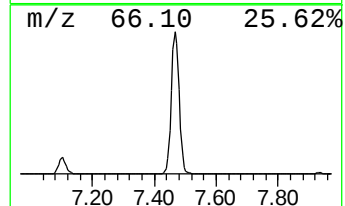
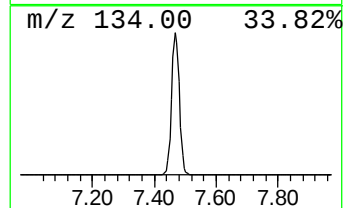
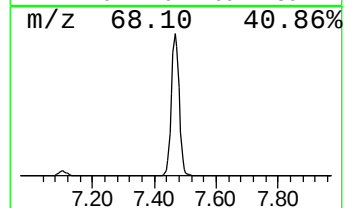
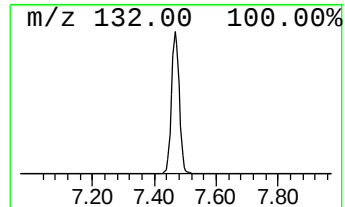
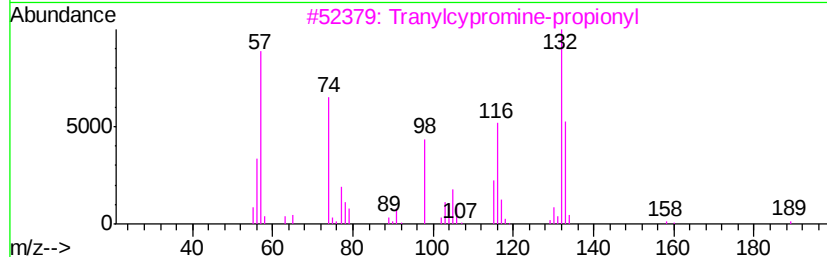
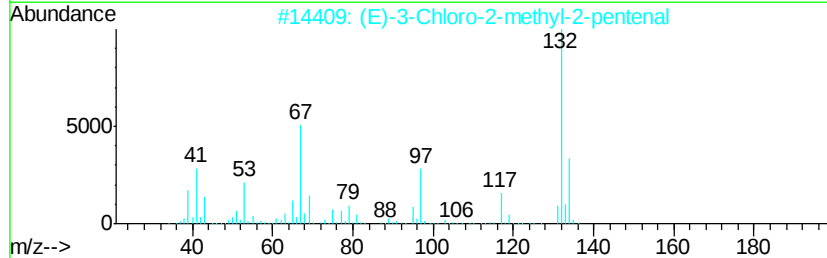
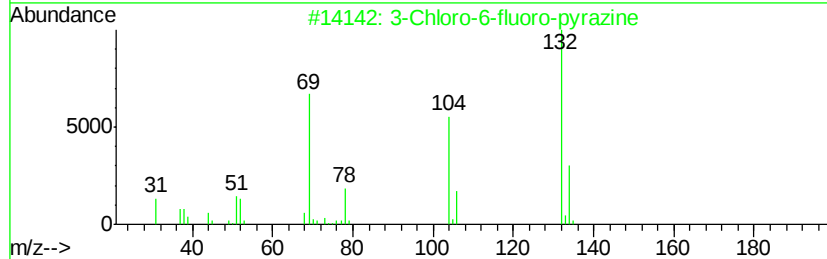
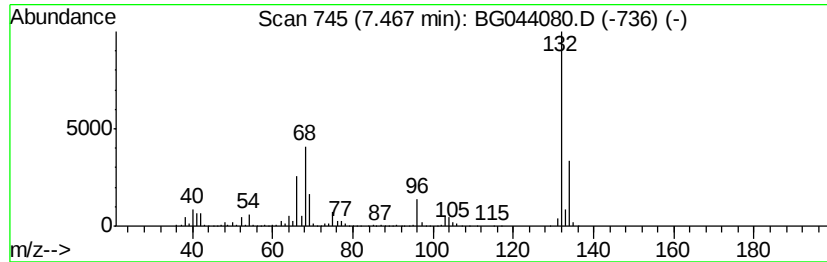
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 unknown7.47 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.47 | 112.29 ng | 2445550 | 1,4-Dichlorobenzene-d4 | 7.93 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 16   |
| 3    |    | Tranvlcypropine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | Amphetaminil                        | 250 | C17H18N2  | 017590-01-1  | 12   |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |



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 PB126101BL

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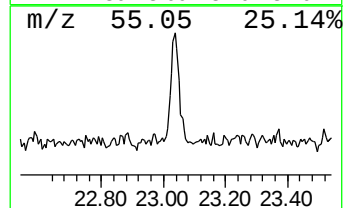
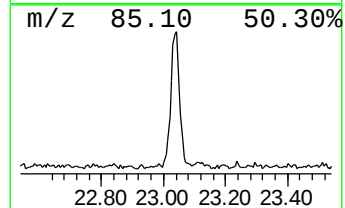
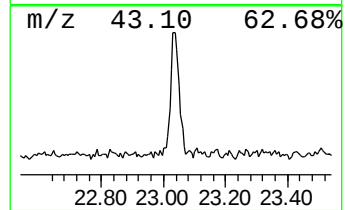
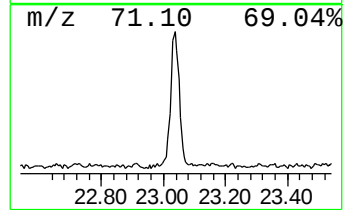
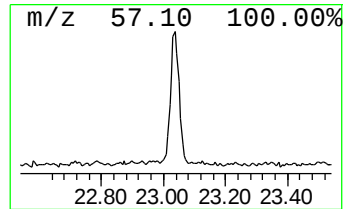
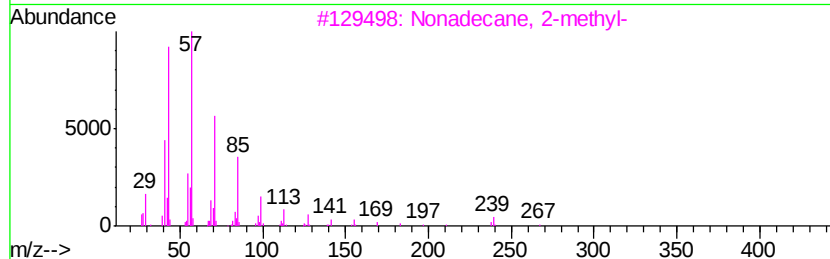
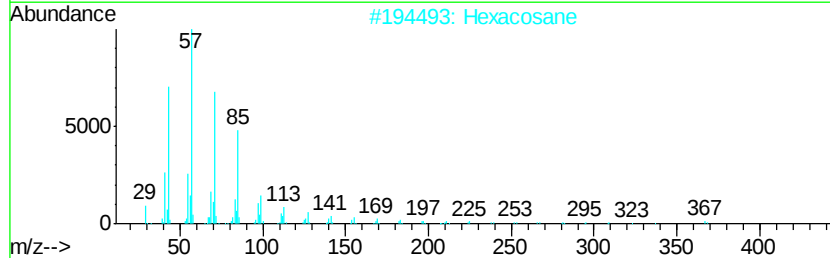
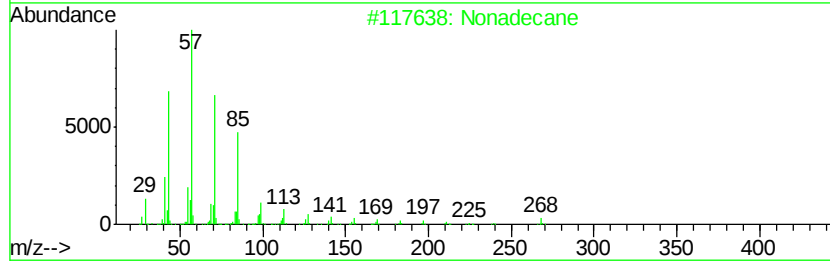
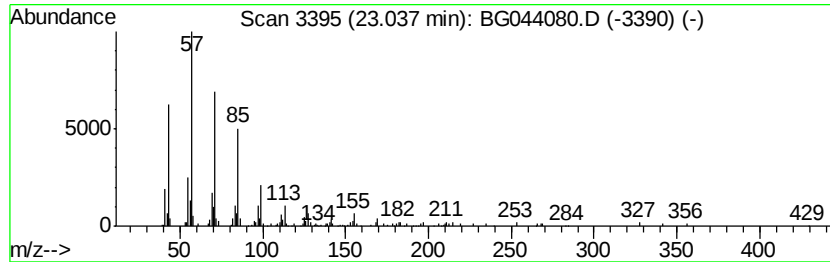
TIC Library : C:\Database\NIST11.L  
 TIC Integration Parameters: LSCINT.P

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 Peak Number 4 Nonadecane Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.04 | 2.54 ng | 162638 | Chrysene-d12     | 21.56 |

| Hit# of | 5                     | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-----------------------|--------------|-----|---------|-------------|------|
| 1       | Nonadecane            |              | 268 | C19H40  | 000629-92-5 | 93   |
| 2       | Hexacosane            |              | 366 | C26H54  | 000630-01-3 | 87   |
| 3       | Nonadecane, 2-methyl- |              | 282 | C20H42  | 001560-86-7 | 86   |
| 4       | Eicosane, 2-methyl-   |              | 296 | C21H44  | 001560-84-5 | 86   |
| 5       | Triacontane           |              | 422 | C30H62  | 000638-68-6 | 86   |



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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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PB126101BL

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

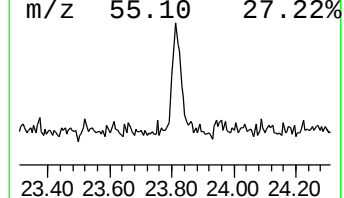
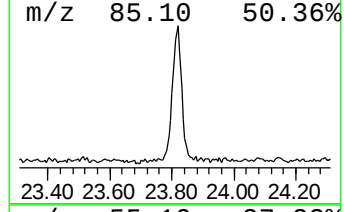
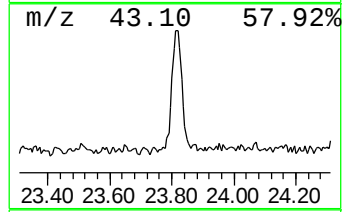
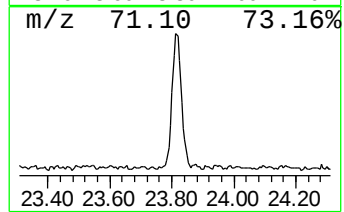
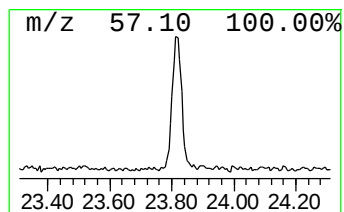
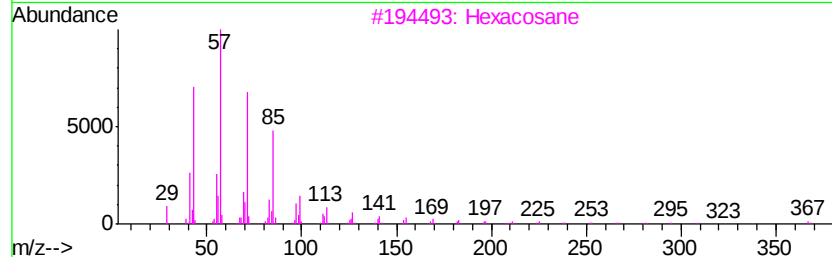
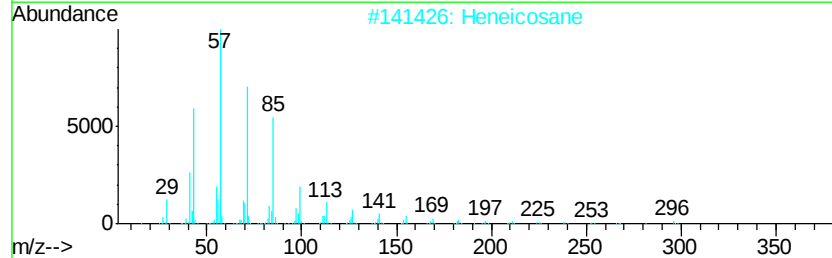
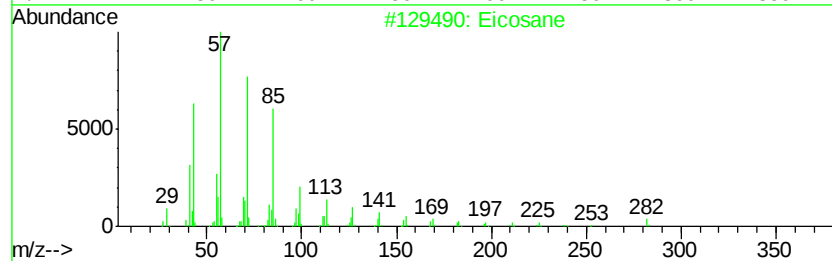
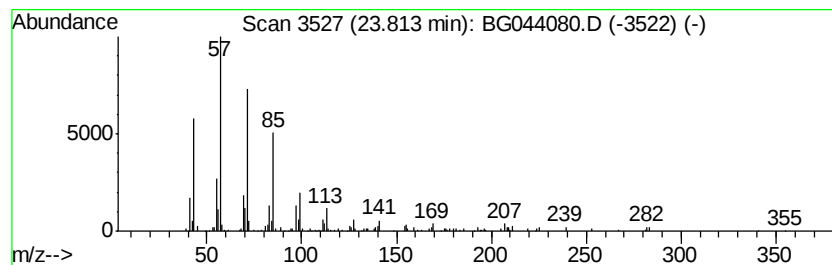
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Eicosane Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.81 | 2.48 ng | 164825 | Perylene-d12     | 24.67 |

| Hit# of | 5              | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|----------------|--------------|-----|---------|-------------|------|
| 1       | Eicosane       |              | 282 | C20H42  | 000112-95-8 | 91   |
| 2       | Heneicosane    |              | 296 | C21H44  | 000629-94-7 | 90   |
| 3       | Hexacosane     |              | 366 | C26H54  | 000630-01-3 | 90   |
| 4       | Heptacosane    |              | 380 | C27H56  | 000593-49-7 | 86   |
| 5       | Hentriacontane |              | 437 | C31H64  | 000630-04-6 | 86   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 2-Pentanone, 4-hy... | 5.03  | 13.2    | ng    | 287142   | 1                     | 7.93  | 435569  | 20.0 |
| unknown7.47          | 7.47  | 112.3   | ng    | 2445550  | 1                     | 7.93  | 435569  | 20.0 |
| Nonadecane           | 23.04 | 2.5     | ng    | 162638   | 5                     | 21.56 | 1279920 | 20.0 |
| Eicosane             | 23.81 | 2.5     | ng    | 164825   | 6                     | 24.67 | 1328340 | 20.0 |