

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\  
 Data File : BG044424.D  
 Acq On : 13 Feb 2020 19:19  
 Operator : CG/JU  
 Sample : L1491-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-2G-(8.5-10.5)

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-BG013020.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         | 5.006       | 321           | 326         | 335          | rVB      | 31107          | 49580         | 1.42%           | 0.248%        |
| 2         | 5.482       | 400           | 407         | 422          | rBV      | 869638         | 1426819       | 40.96%          | 7.126%        |
| 3         | 7.074       | 670           | 678         | 692          | rBV      | 878315         | 1567567       | 45.00%          | 7.829%        |
| 4         | 7.903       | 811           | 819         | 829          | rBV      | 240233         | 413029        | 11.86%          | 2.063%        |
| 5         | 8.226       | 865           | 874         | 886          | rBV      | 689867         | 1212000       | 34.79%          | 6.053%        |
| 6         | 9.060       | 1008          | 1016        | 1028         | rBV      | 502039         | 953949        | 27.39%          | 4.764%        |
| 7         | 10.705      | 1287          | 1296        | 1309         | rBV      | 314648         | 601750        | 17.27%          | 3.005%        |
| 8         | 13.161      | 1707          | 1714        | 1728         | rBV      | 1463863        | 2421801       | 69.52%          | 12.095%       |
| 9         | 14.001      | 1851          | 1857        | 1867         | rBV2     | 34875          | 67634         | 1.94%           | 0.338%        |
| 10        | 14.542      | 1941          | 1949        | 1961         | rBV      | 593893         | 934550        | 26.83%          | 4.667%        |
| 11        | 16.028      | 2195          | 2202        | 2215         | rBV      | 1162616        | 1922653       | 55.19%          | 9.602%        |
| 12        | 17.286      | 2409          | 2416        | 2429         | rBV      | 747884         | 1182283       | 33.94%          | 5.905%        |
| 13        | 17.679      | 2477          | 2483        | 2494         | rBV2     | 20269          | 44448         | 1.28%           | 0.222%        |
| 14        | 18.614      | 2637          | 2642        | 2647         | rVB2     | 41797          | 50423         | 1.45%           | 0.252%        |
| 15        | 19.900      | 2855          | 2861        | 2872         | rBV      | 2595369        | 3483420       | 100.00%         | 17.397%       |
| 16        | 21.205      | 3078          | 3083        | 3093         | rBV2     | 56966          | 98172         | 2.82%           | 0.490%        |
| 17        | 21.528      | 3132          | 3138        | 3153         | rBV2     | 739971         | 1261294       | 36.21%          | 6.299%        |
| 18        | 21.739      | 3169          | 3174        | 3184         | rVB      | 66561          | 97285         | 2.79%           | 0.486%        |
| 19        | 22.321      | 3268          | 3273        | 3280         | rBV      | 86756          | 137055        | 3.93%           | 0.684%        |
| 20        | 22.985      | 3381          | 3386        | 3397         | rVB      | 92443          | 175239        | 5.03%           | 0.875%        |
| 21        | 23.173      | 3411          | 3418        | 3427         | rVB      | 108689         | 207383        | 5.95%           | 1.036%        |
| 22        | 23.760      | 3511          | 3518        | 3526         | rBV2     | 80288          | 154681        | 4.44%           | 0.773%        |
| 23        | 24.618      | 3653          | 3664        | 3685         | rBV2     | 439199         | 1441394       | 41.38%          | 7.199%        |
| 24        | 25.746      | 3848          | 3856        | 3867         | rVB3     | 40110          | 118509        | 3.40%           | 0.592%        |

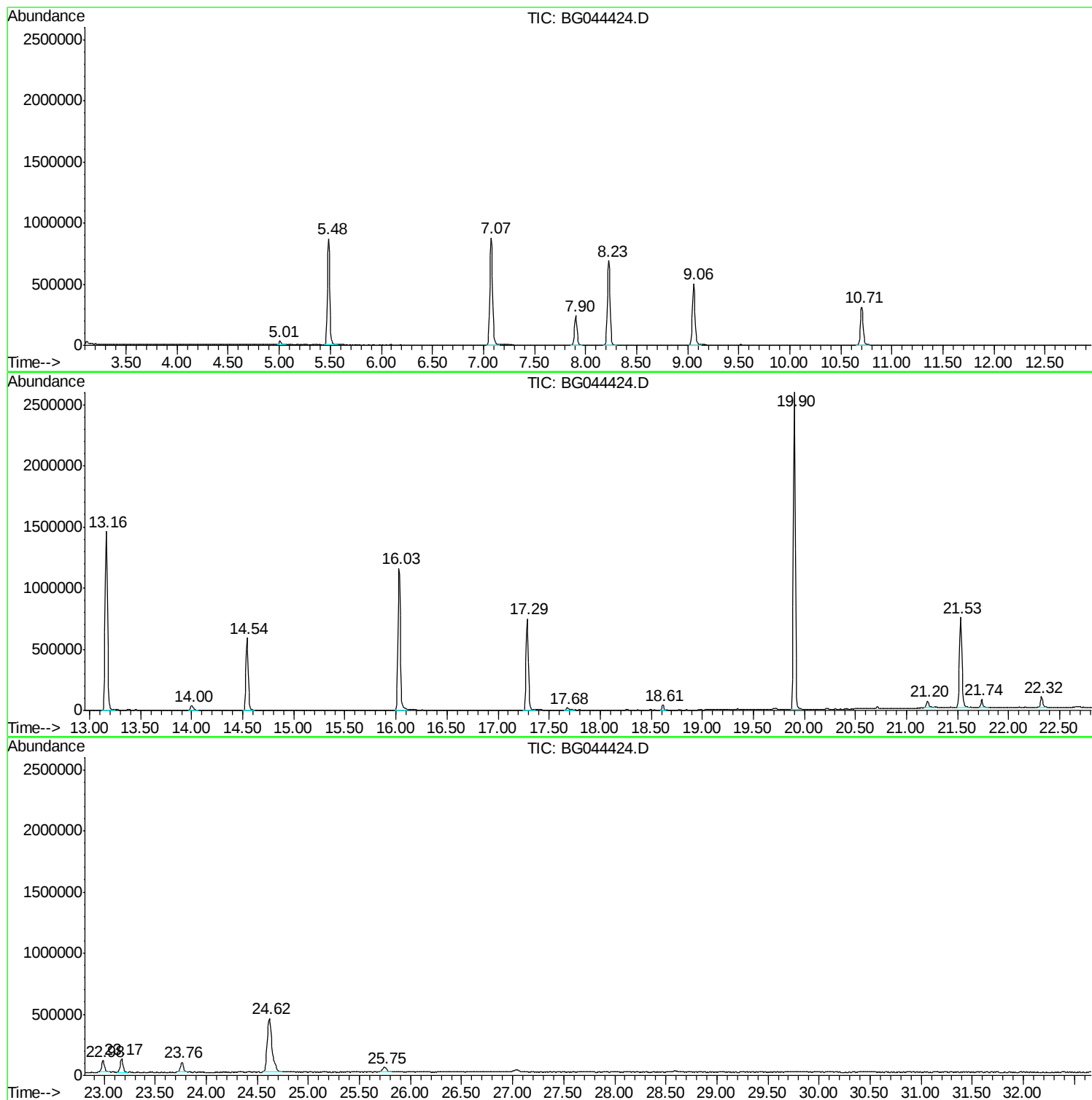
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ALS Vial : 6 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
SB-2G-(8.5-10.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.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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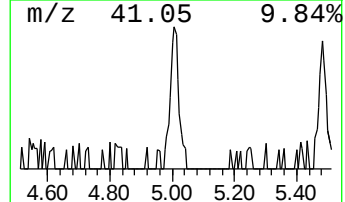
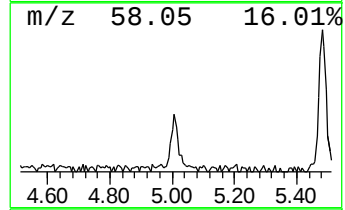
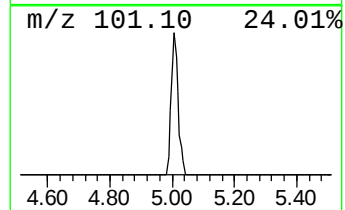
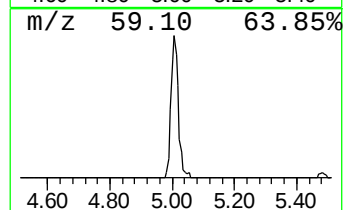
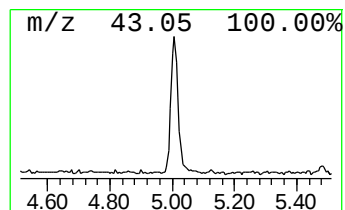
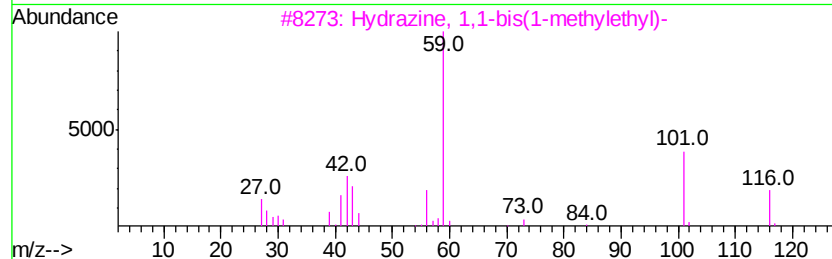
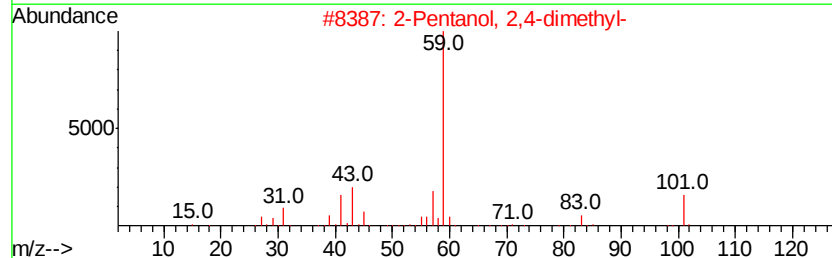
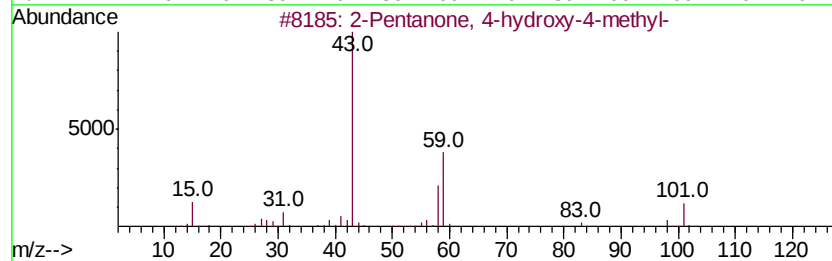
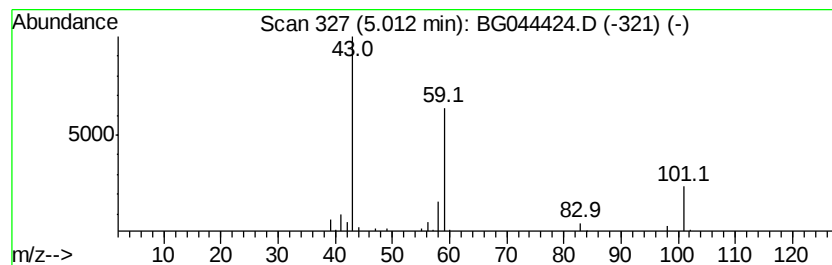
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.01 | 2.40 ng | 49580 | 1,4-Dichlorobenzene-d4 | 7.90 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2  | 000123-42-2 | 50   |
| 2    |    |   | 2-Pentanol, 2,4-dimethyl-          | 116 | C7H16O   | 000625-06-9 | 37   |
| 3    |    |   | Hydrazine, 1,1-bis(1-methylethyl)- | 116 | C6H16N2  | 000921-14-2 | 28   |
| 4    |    |   | 2,3-Butanedione, monooxime         | 101 | C4H7NO2  | 000057-71-6 | 23   |
| 5    |    |   | 1,8-Nonanediol, 8-methyl-          | 174 | C10H22O2 | 054725-73-4 | 17   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

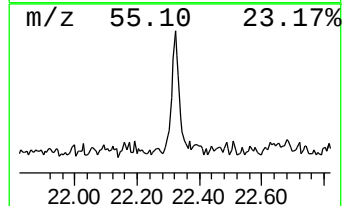
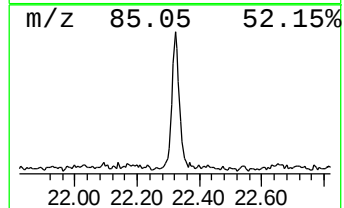
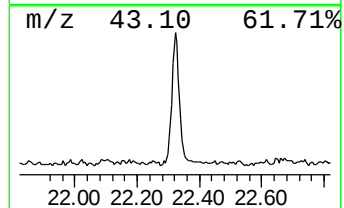
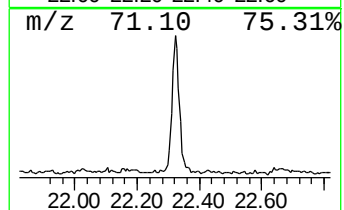
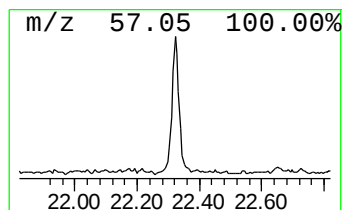
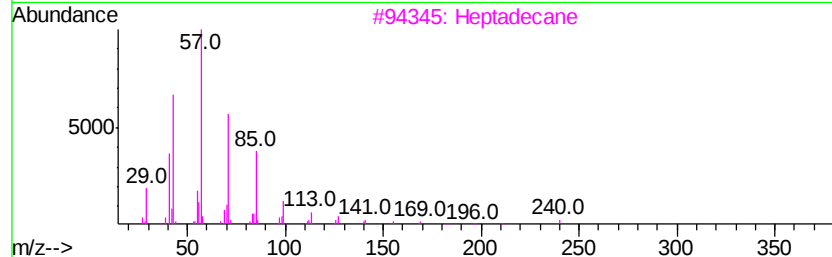
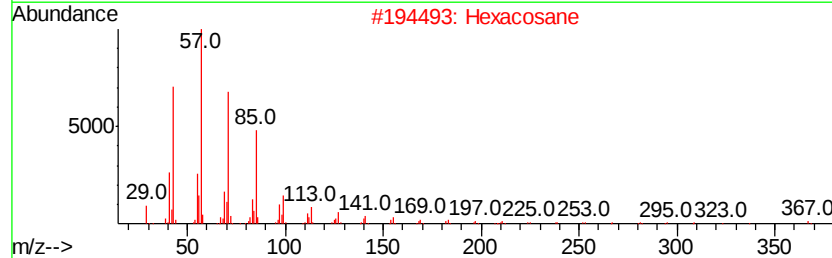
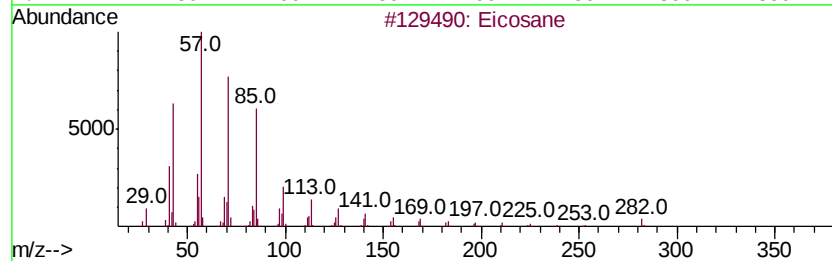
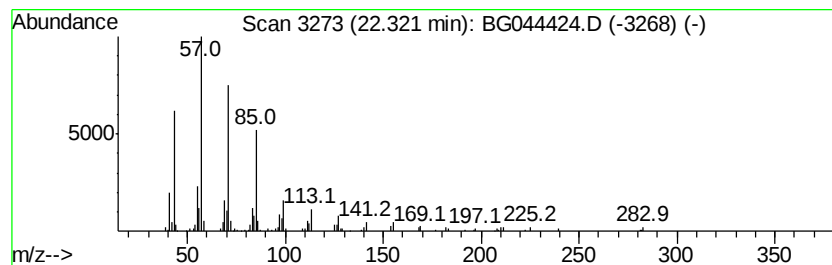
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Eicosane Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 22.32 | 2.17 ng | 137055 | Chrysene-d12     | 21.53 |

| Hit# of | 5           | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-------------|--------------|-----|---------|-------------|------|
| 1       | Eicosane    |              | 282 | C20H42  | 000112-95-8 | 95   |
| 2       | Hexacosane  |              | 366 | C26H54  | 000630-01-3 | 91   |
| 3       | Heptadecane |              | 240 | C17H36  | 000629-78-7 | 91   |
| 4       | Octacosane  |              | 394 | C28H58  | 000630-02-4 | 90   |
| 5       | Heneicosane |              | 296 | C21H44  | 000629-94-7 | 90   |



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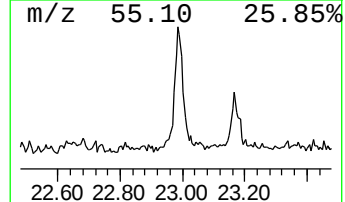
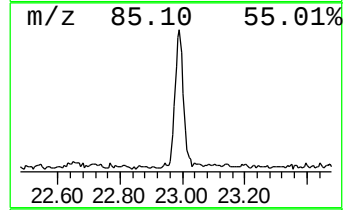
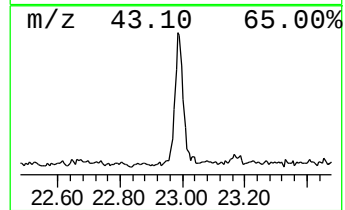
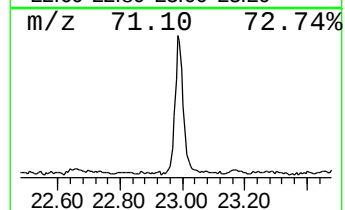
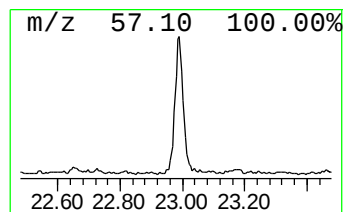
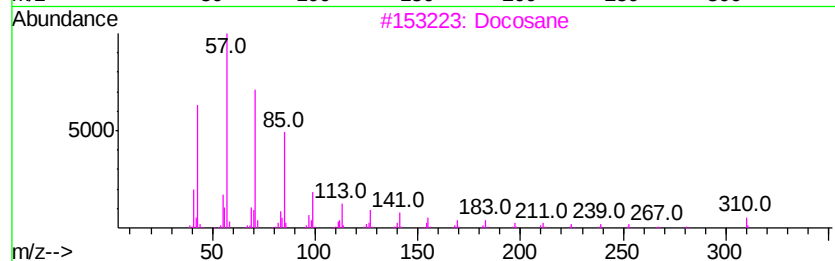
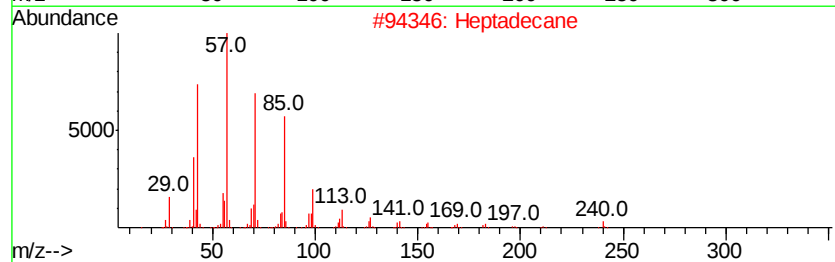
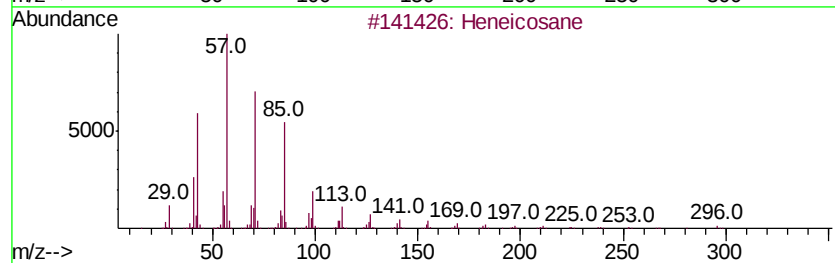
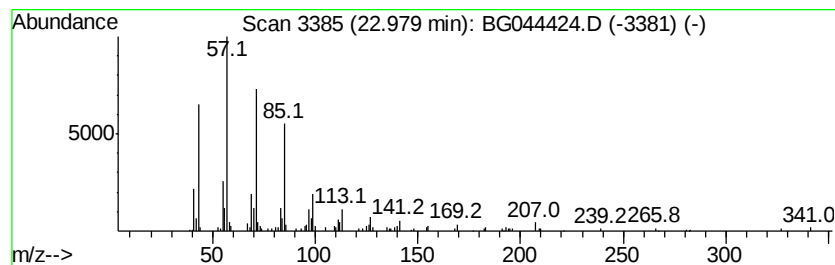
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Heneicosane Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 22.98 | 2.78 ng | 175239 | Chrysene-d12     | 21.53 |

| Hit# of 5 | Tentative ID      | MW  | MolForm | CAS#        | Qual |
|-----------|-------------------|-----|---------|-------------|------|
| 1         | Heneicosane       | 296 | C21H44  | 000629-94-7 | 91   |
| 2         | Heptadecane       | 240 | C17H36  | 000629-78-7 | 91   |
| 3         | Docosane          | 310 | C22H46  | 000629-97-0 | 91   |
| 4         | Hexacosane        | 366 | C26H54  | 000630-01-3 | 90   |
| 5         | Tetratetracontane | 619 | C44H90  | 007098-22-8 | 90   |



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Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SB-2G-(8.5-10.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

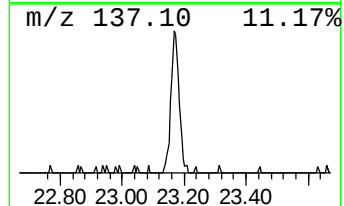
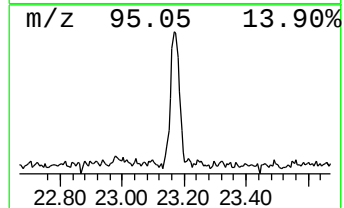
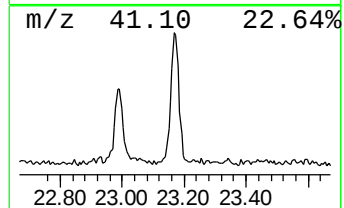
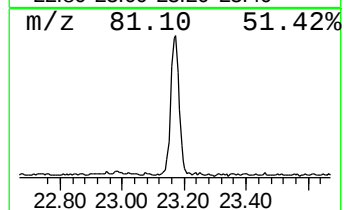
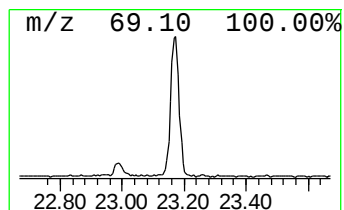
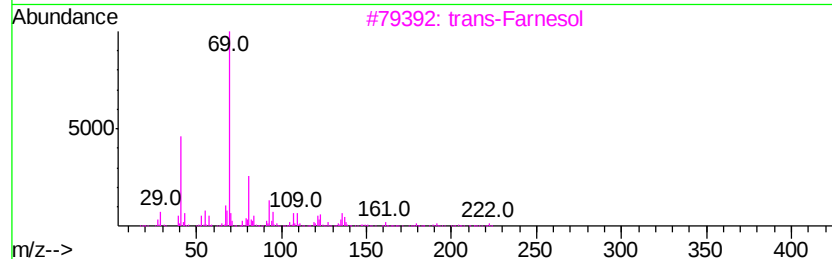
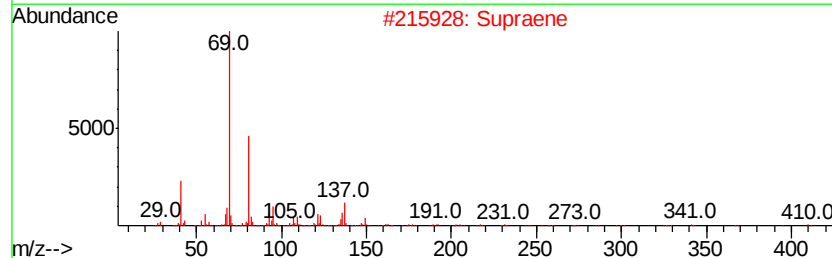
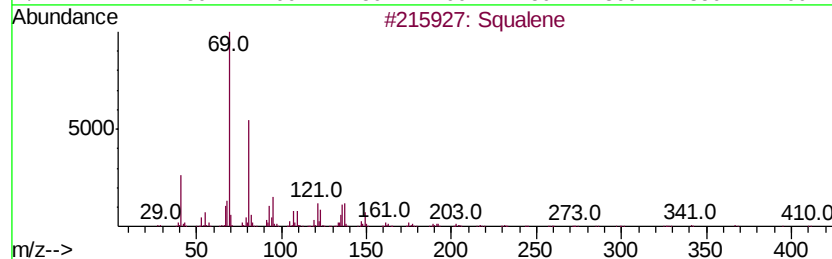
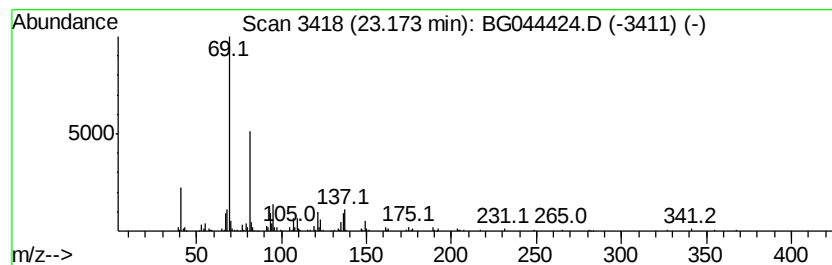
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Squalene Concentration Rank 2

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.17 | 2.88 ng | 207383 | Perylene-d12     | 24.62 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Squalene                            | 410 | C30H50  | 000111-02-4 | 91   |
| 2    |    | Supraene                            | 410 | C30H50  | 007683-64-9 | 91   |
| 3    |    | trans-Farnesol                      | 222 | C15H26O | 000106-28-5 | 72   |
| 4    |    | 4,8,12-Tetradecatrienal, 5,9,13-... | 248 | C17H28O | 066408-55-7 | 64   |
| 5    |    | 1,5-Heptadiene, 3,3,6-trimethyl-    | 138 | C10H18  | 035387-63-4 | 50   |



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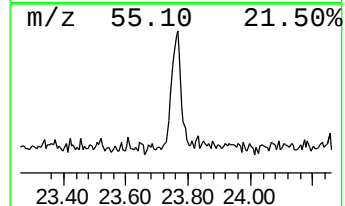
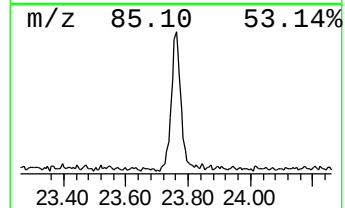
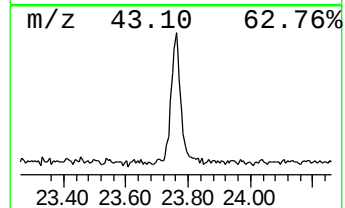
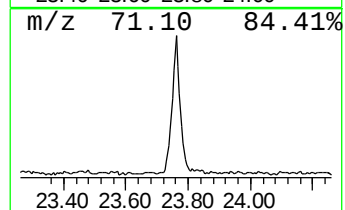
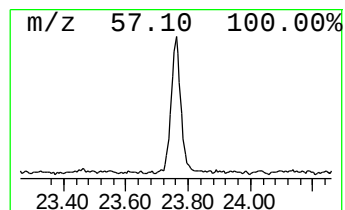
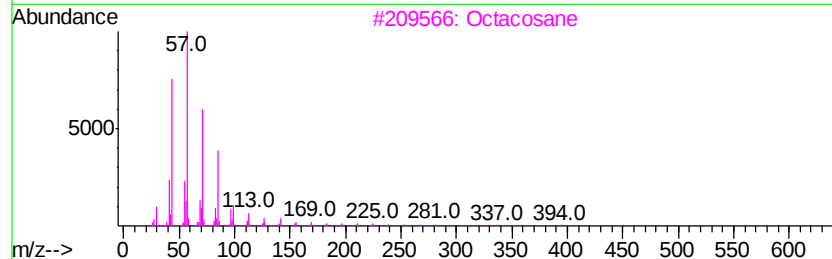
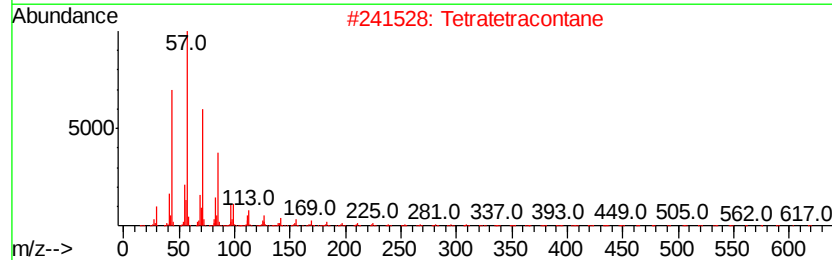
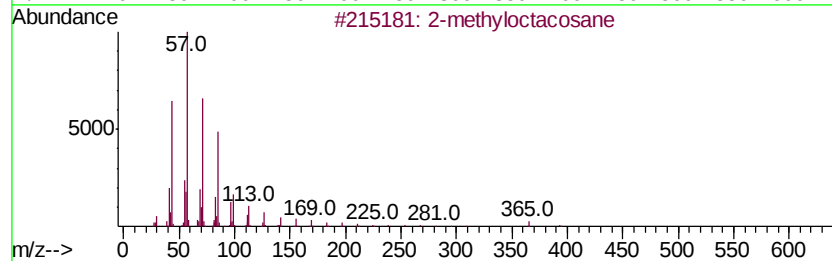
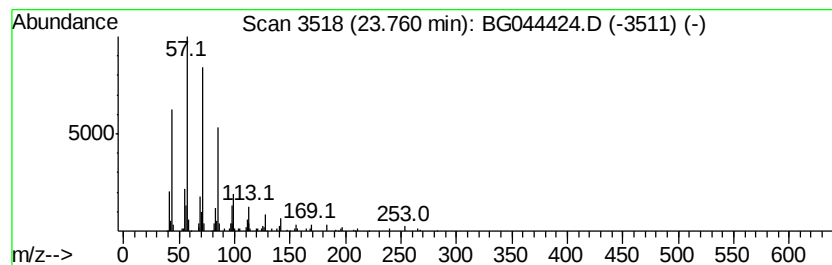
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 2-methyloctacosane Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.76 | 2.15 ng | 154681 | Perylene-d12     | 24.62 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#         | Qual |
|------|----|-----------------------|-----|---------|--------------|------|
| 1    | 5  | 2-methyloctacosane    | 408 | C29H60  | 1000376-72-8 | 91   |
| 2    |    | Tetratetracontane     | 619 | C44H90  | 007098-22-8  | 90   |
| 3    |    | Octacosane            | 394 | C28H58  | 000630-02-4  | 90   |
| 4    |    | Triacontane           | 422 | C30H62  | 000638-68-6  | 90   |
| 5    |    | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1  | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG021320\  
Data File : BG044424.D  
Acq On : 13 Feb 2020 19:19  
Operator : CG/JU  
Sample : L1491-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SB-2G-(8.5-10.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG013020.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... | 5.01  | 2.4     | ng    | 49580    | 1                     | 7.90  | 413029  | 20.0 |
| Eicosane             | 22.32 | 2.2     | ng    | 137055   | 5                     | 21.53 | 1261290 | 20.0 |
| Heneicosane          | 22.98 | 2.8     | ng    | 175239   | 5                     | 21.53 | 1261290 | 20.0 |
| Squalene             | 23.17 | 2.9     | ng    | 207383   | 6                     | 24.62 | 1441390 | 20.0 |
| 2-methyloctacosane   | 23.76 | 2.1     | ng    | 154681   | 6                     | 24.62 | 1441390 | 20.0 |