

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\  
 Data File : BG044635.D  
 Acq On : 2 Mar 2020 16:31  
 Operator : CG/JU  
 Sample : L1738-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-01-G0-G1-G0A-G1A

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-BG022420.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         | 4.895       | 302           | 307         | 315          | rBV      | 34727          | 52803         | 1.50%           | 0.315%        |
| 2         | 5.376       | 382           | 389         | 405          | rBV      | 643325         | 1056998       | 30.02%          | 6.298%        |
| 3         | 6.980       | 655           | 662         | 677          | rBV      | 678533         | 1163003       | 33.04%          | 6.930%        |
| 4         | 7.803       | 795           | 802         | 812          | rBV      | 170705         | 286494        | 8.14%           | 1.707%        |
| 5         | 8.126       | 849           | 857         | 869          | rBV      | 551872         | 936702        | 26.61%          | 5.581%        |
| 6         | 8.960       | 991           | 999         | 1017         | rBV      | 383771         | 724628        | 20.58%          | 4.318%        |
| 7         | 10.605      | 1271          | 1279        | 1295         | rBV      | 220770         | 425287        | 12.08%          | 2.534%        |
| 8         | 13.073      | 1692          | 1699        | 1719         | rBV      | 1211870        | 1931976       | 54.88%          | 11.511%       |
| 9         | 13.913      | 1837          | 1842        | 1857         | rBV      | 58752          | 102783        | 2.92%           | 0.612%        |
| 10        | 14.454      | 1927          | 1934        | 1950         | rBV      | 419762         | 665019        | 18.89%          | 3.962%        |
| 11        | 15.946      | 2182          | 2188        | 2205         | rBV      | 961293         | 1490535       | 42.34%          | 8.881%        |
| 12        | 17.198      | 2395          | 2401        | 2414         | rBV      | 570506         | 879930        | 24.99%          | 5.243%        |
| 13        | 19.824      | 2842          | 2848        | 2861         | rBV      | 2719046        | 3520505       | 100.00%         | 20.976%       |
| 14        | 21.117      | 3063          | 3068        | 3077         | rBV      | 162954         | 287122        | 8.16%           | 1.711%        |
| 15        | 21.434      | 3116          | 3122        | 3139         | rBV2     | 636371         | 1050594       | 29.84%          | 6.260%        |
| 16        | 21.640      | 3153          | 3157        | 3164         | rBV      | 44099          | 61376         | 1.74%           | 0.366%        |
| 17        | 22.215      | 3250          | 3255        | 3265         | rBV      | 78820          | 128873        | 3.66%           | 0.768%        |
| 18        | 22.868      | 3359          | 3366        | 3374         | rBV2     | 104103         | 191218        | 5.43%           | 1.139%        |
| 19        | 23.620      | 3487          | 3494        | 3500         | rBV2     | 114347         | 231977        | 6.59%           | 1.382%        |
| 20        | 24.448      | 3625          | 3635        | 3653         | rBV2     | 408330         | 1316194       | 37.39%          | 7.842%        |
| 21        | 25.547      | 3813          | 3822        | 3834         | rVB4     | 64860          | 188766        | 5.36%           | 1.125%        |
| 22        | 26.810      | 4027          | 4037        | 4048         | rBV3     | 28182          | 90546         | 2.57%           | 0.539%        |

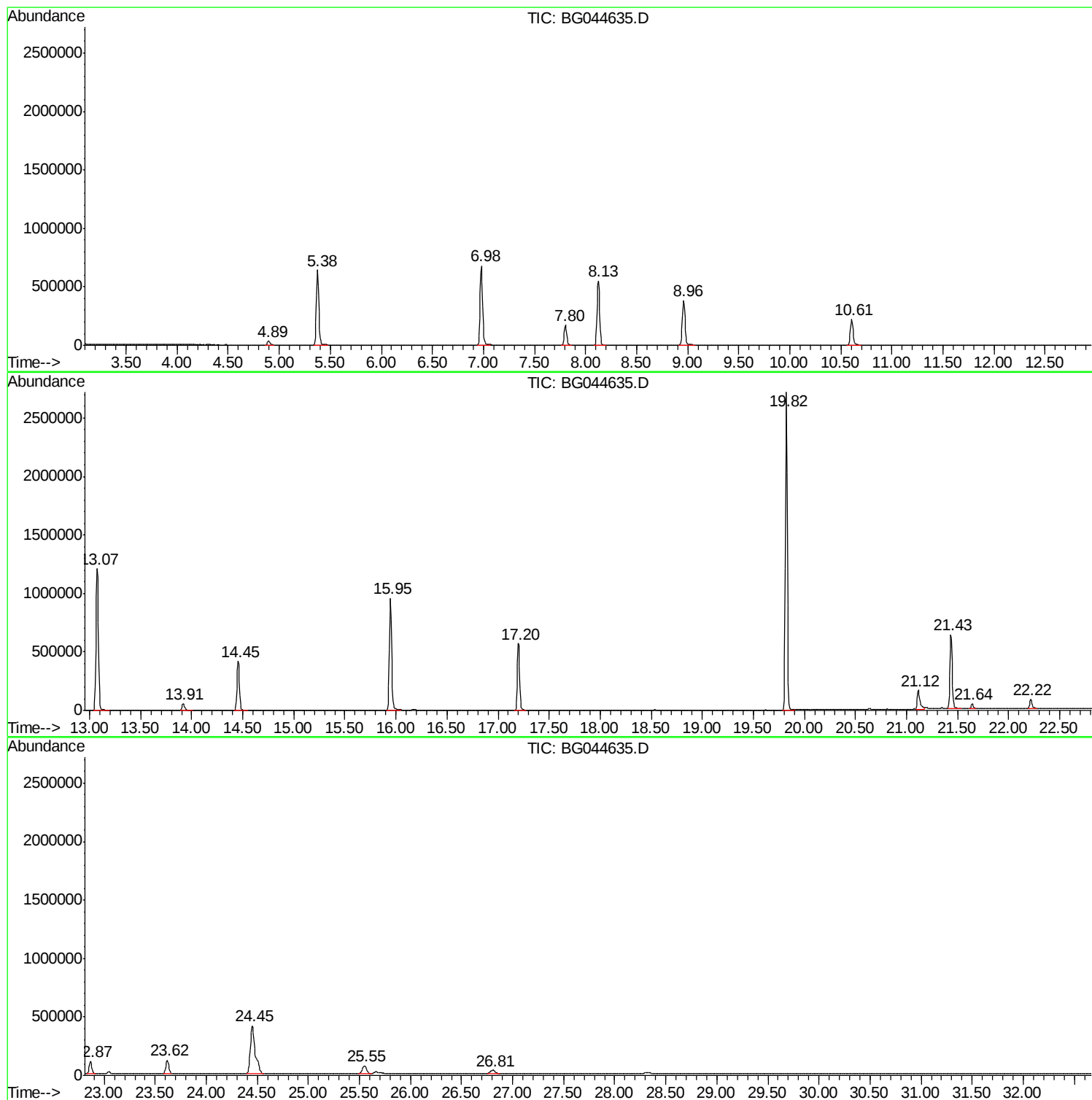
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Misc :  
ALS Vial : 4 Sample Multiplier: 1

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BNA\_G  
ClientSampleId :  
FK-BPM-01-G0-G1-G0A-G1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.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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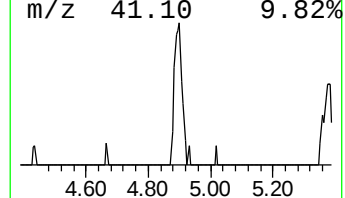
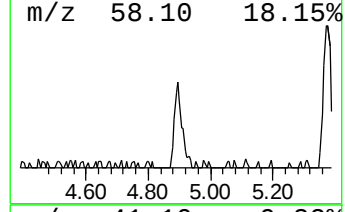
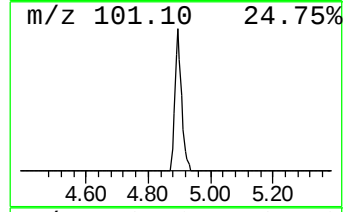
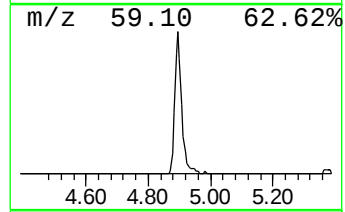
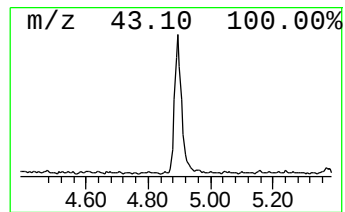
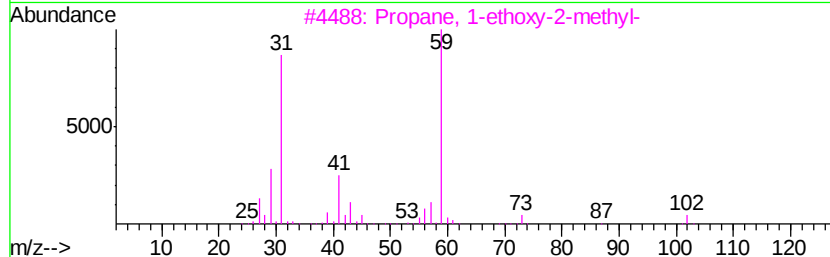
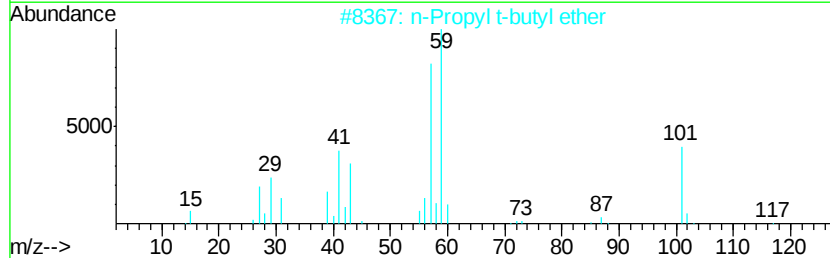
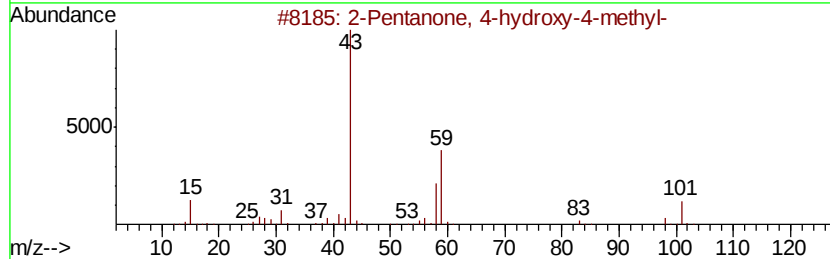
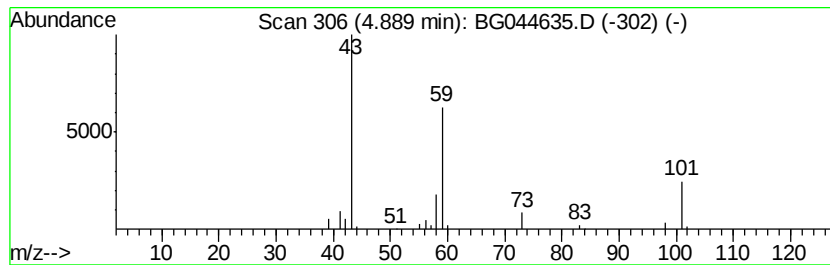
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ClientSampleId :  
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TIC Integration Parameters: LSCINT.P

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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.         |      |
|-----------|----------------------------------|-------|------------------------|--------------|------|
| 4.89      | 3.69 ng                          | 52803 | 1,4-Dichlorobenzene-d4 | 7.80         |      |
| Hit# of 5 | Tentative ID                     | MW    | MolForm                | CAS#         | Qual |
| 1         | 2-Pentanone, 4-hydroxy-4-methyl- | 116   | C6H12O2                | 000123-42-2  | 39   |
| 2         | n-Propyl t-butyl ether           | 116   | C7H16O                 | 1000334-81-9 | 28   |
| 3         | Propane, 1-ethoxy-2-methyl-      | 102   | C6H14O                 | 000627-02-1  | 25   |
| 4         | 2-Butanol, 1-methoxy-            | 104   | C5H12O2                | 053778-73-7  | 23   |
| 5         | Hexanamide                       | 115   | C6H13NO                | 000628-02-4  | 17   |



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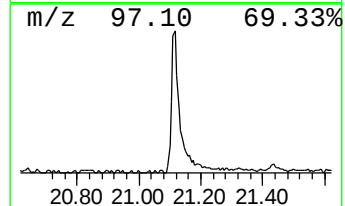
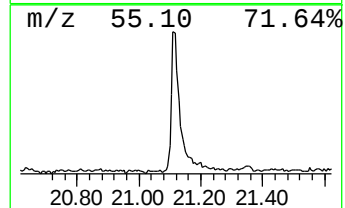
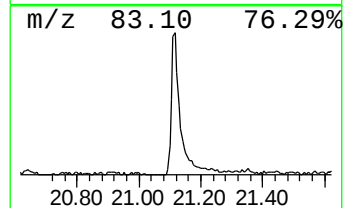
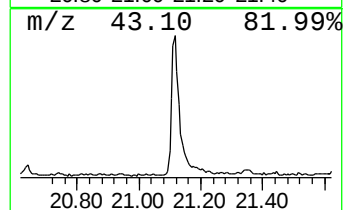
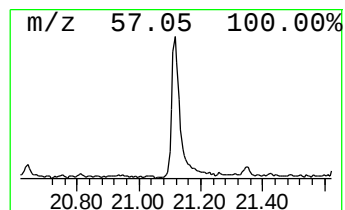
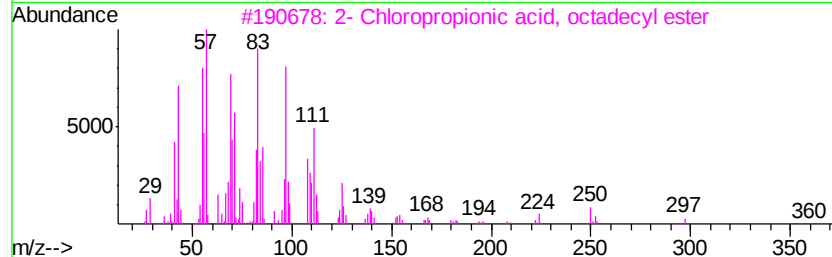
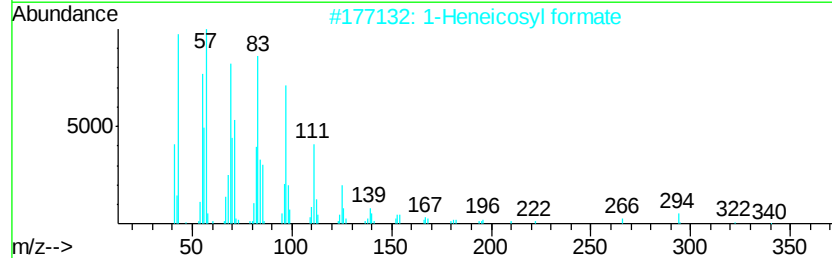
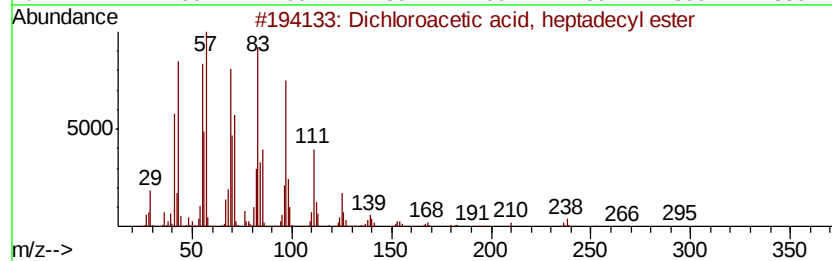
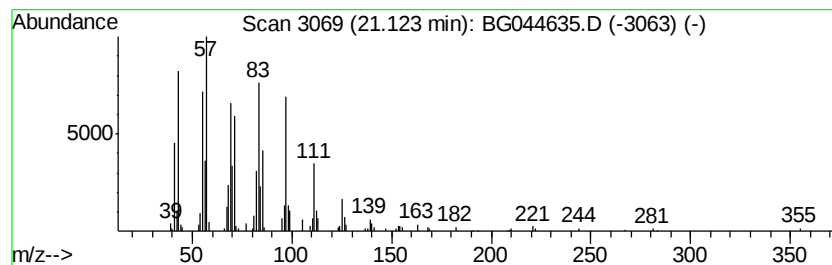
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Dichloroacetic acid, heptad... Concentration Rank 2

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 21.12 | 5.47 ng | 287122 | Chrysene-d12     | 21.43 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|---------|---|-------------------------------------|-----|-------------|--------------|------|
| 1       |   | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 95   |
| 2       |   | 1-Heneicosyl formate                | 340 | C22H44O2    | 077899-03-7  | 94   |
| 3       |   | 2- Chloropropionic acid, octadec... | 360 | C21H41ClO2  | 088104-31-8  | 94   |
| 4       |   | Trifluoroacetoxy hexadecane         | 338 | C18H33F3O2  | 006222-03-3  | 94   |
| 5       |   | n-Tetracosanol-1                    | 354 | C24H50O     | 000506-51-4  | 93   |



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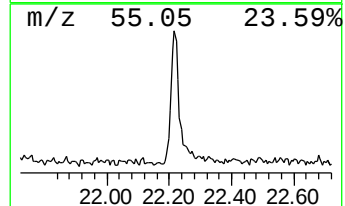
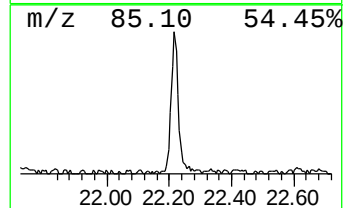
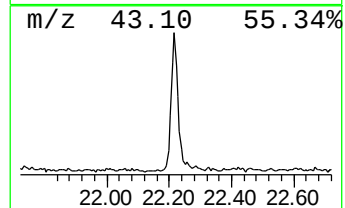
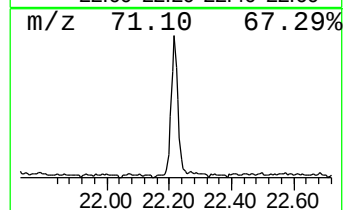
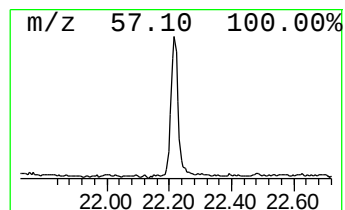
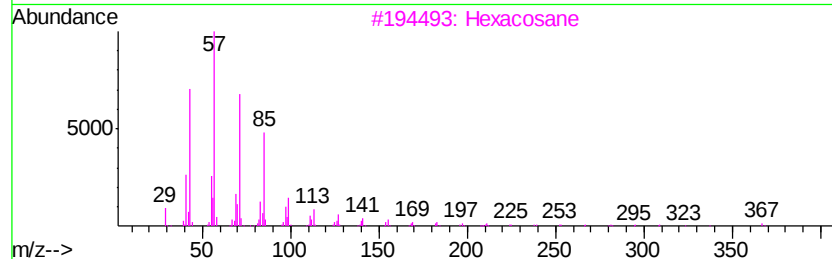
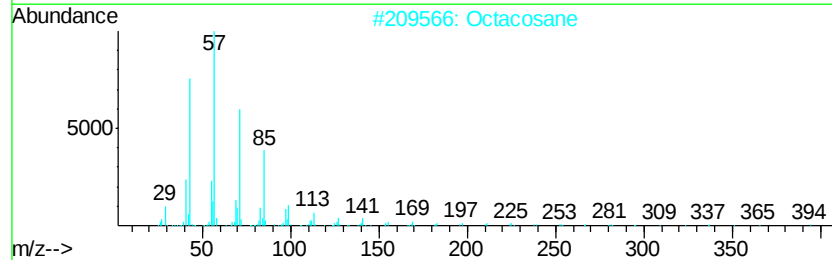
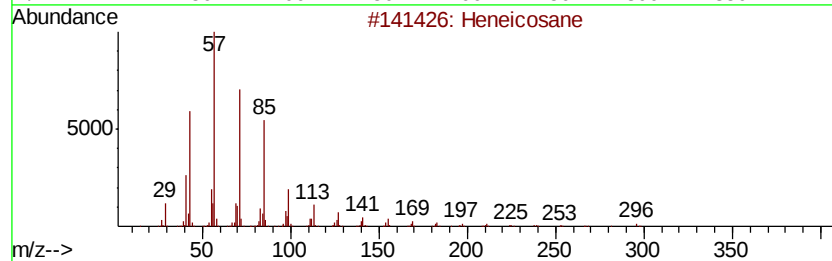
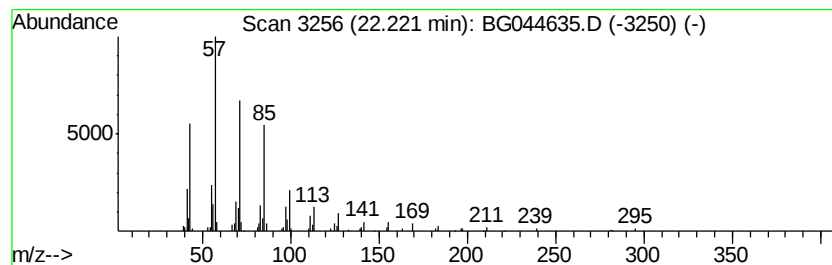
TIC Library : C:\Database\NIST11.L  
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Peak Number 4 Heneicosane Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 22.22 | 2.45 ng | 128873 | Chrysene-d12     | 21.43 |

| Hit# of | 5                  | Tentative ID | MW  | MolForm | CAS#         | Qual |
|---------|--------------------|--------------|-----|---------|--------------|------|
| 1       | Heneicosane        |              | 296 | C21H44  | 000629-94-7  | 91   |
| 2       | Octacosane         |              | 394 | C28H58  | 000630-02-4  | 91   |
| 3       | Hexacosane         |              | 366 | C26H54  | 000630-01-3  | 91   |
| 4       | 2-methyloctacosane |              | 408 | C29H60  | 1000376-72-8 | 91   |
| 5       | Eicosane, 7-hexyl- |              | 366 | C26H54  | 055333-99-8  | 91   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M  
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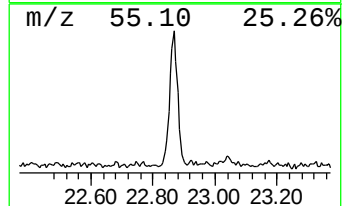
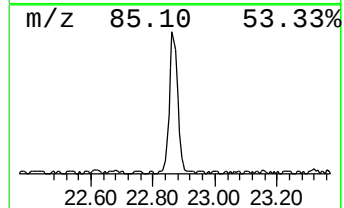
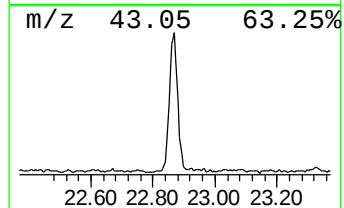
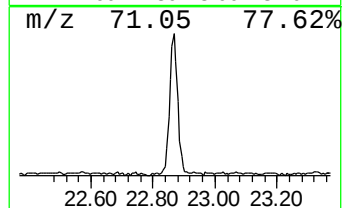
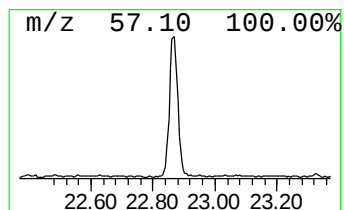
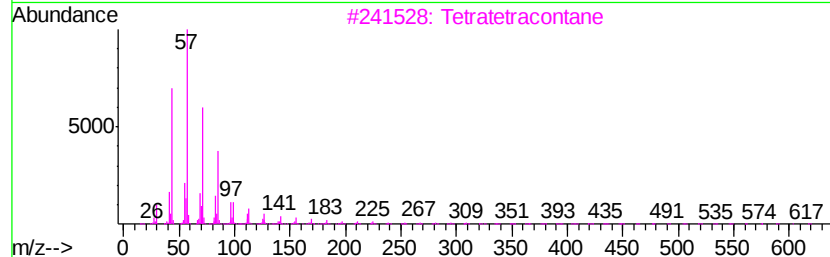
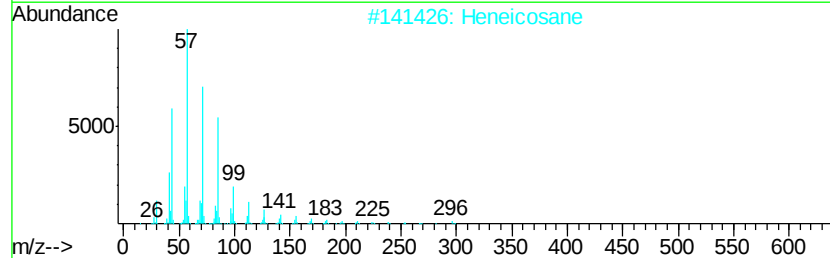
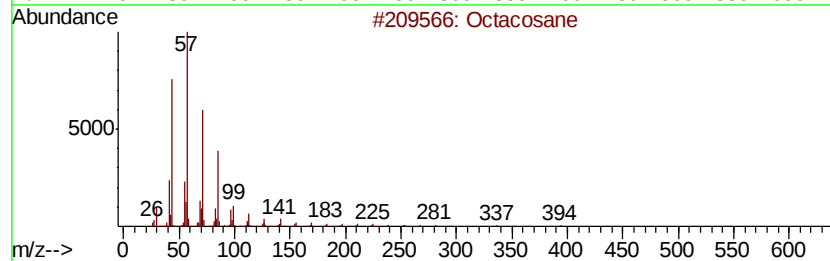
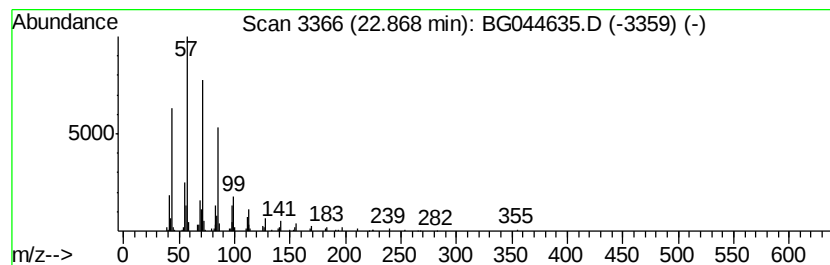
TIC Library : C:\Database\NIST11.L  
 TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
 Peak Number 5 Octacosane Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 22.87 | 3.64 ng | 191218 | Chrysene-d12     | 21.43 |

| Hit# of | 5                     | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-----------------------|--------------|-----|---------|-------------|------|
| 1       | Octacosane            |              | 394 | C28H58  | 000630-02-4 | 91   |
| 2       | Heneicosane           |              | 296 | C21H44  | 000629-94-7 | 91   |
| 3       | Tetratetracontane     |              | 619 | C44H90  | 007098-22-8 | 91   |
| 4       | Hexacosane            |              | 366 | C26H54  | 000630-01-3 | 91   |
| 5       | Heptadecane, 9-octyl- |              | 352 | C25H52  | 007225-64-1 | 91   |



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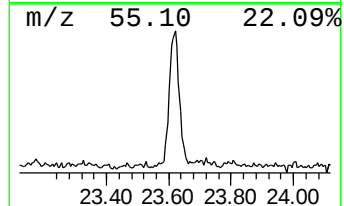
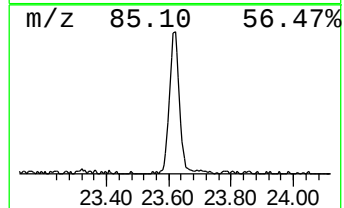
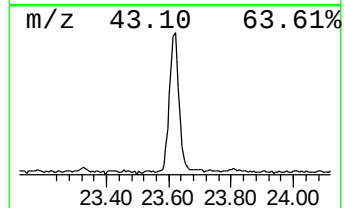
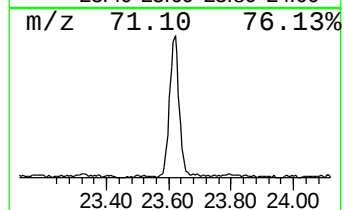
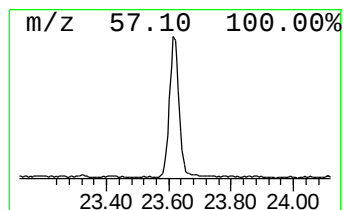
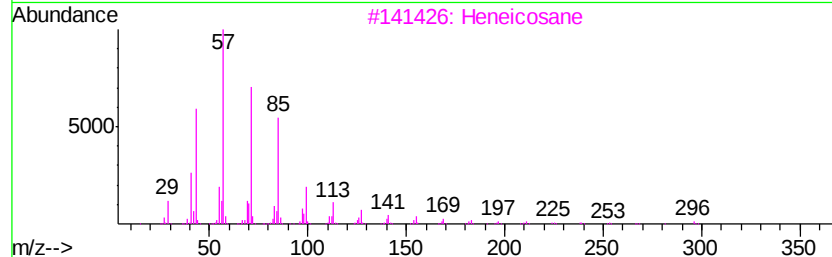
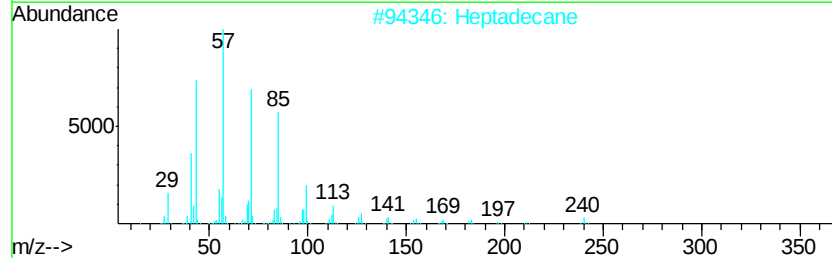
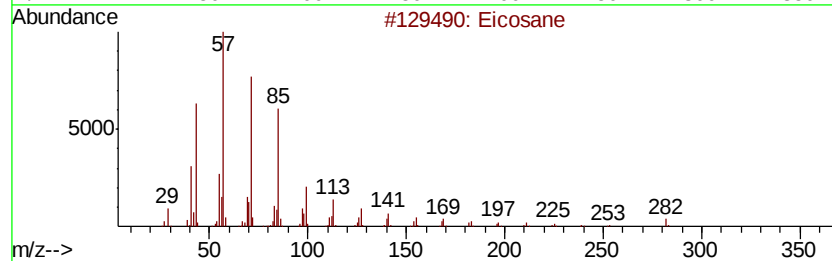
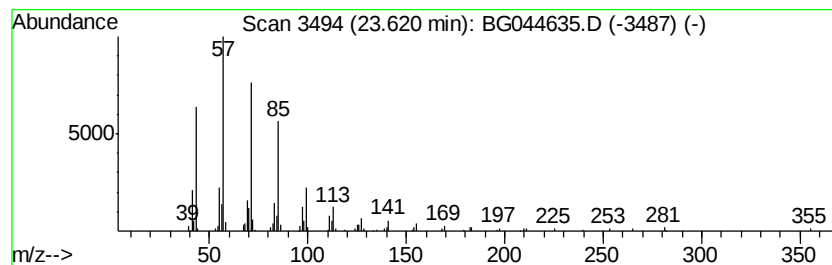
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Eicosane Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.62 | 3.52 ng | 231977 | Perylene-d12     | 24.45 |

| Hit# of | 5                  | Tentative ID | MW  | MolForm | CAS#         | Qual |
|---------|--------------------|--------------|-----|---------|--------------|------|
| 1       | Eicosane           |              | 282 | C20H42  | 000112-95-8  | 95   |
| 2       | Heptadecane        |              | 240 | C17H36  | 000629-78-7  | 91   |
| 3       | Heneicosane        |              | 296 | C21H44  | 000629-94-7  | 91   |
| 4       | 2-methyloctacosane |              | 408 | C29H60  | 1000376-72-8 | 91   |
| 5       | Tetracosane        |              | 338 | C24H50  | 000646-31-1  | 90   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030220\  
Data File : BG044635.D  
Acq On : 2 Mar 2020 16:31  
Operator : CG/JU  
Sample : L1738-01  
Misc :  
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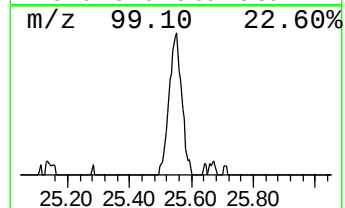
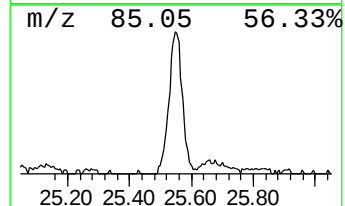
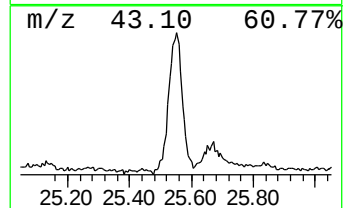
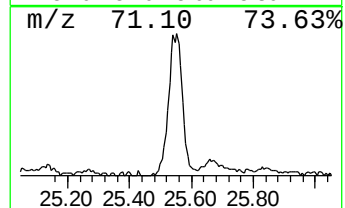
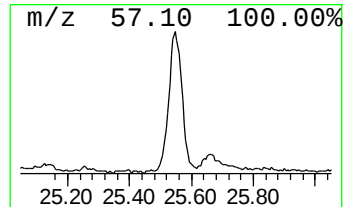
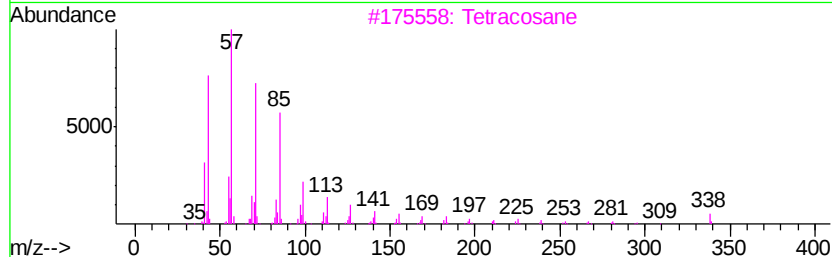
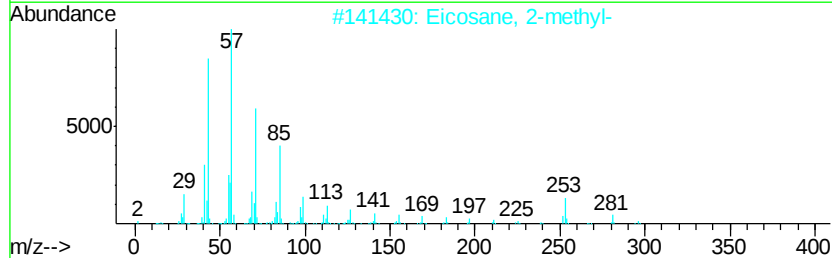
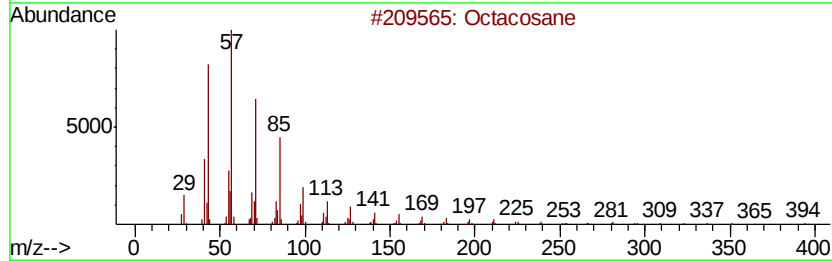
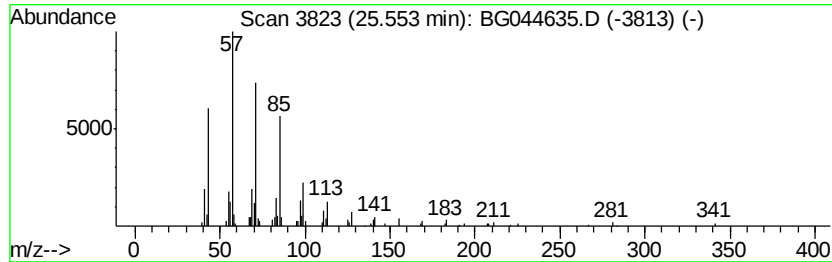
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BNA\_G  
ClientSampleId :  
FK-BPM-01-G0-G1-G0A-G1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 7 Eicosane, 2-methyl- Concentration Rank 6

| R.T.    | EstConc | Area                | Relative to ISTD | R.T.            |
|---------|---------|---------------------|------------------|-----------------|
| 25.55   | 2.87 ng | 188766              | Perylene-d12     | 24.45           |
| Hit# of | 5       | Tentative ID        | MW MolForm       | CAS# Qual       |
| 1       |         | Octacosane          | 394 C28H58       | 000630-02-4 91  |
| 2       |         | Eicosane, 2-methyl- | 296 C21H44       | 001560-84-5 91  |
| 3       |         | Tetracosane         | 338 C24H50       | 000646-31-1 91  |
| 4       |         | Hexacosane          | 366 C26H54       | 000630-01-3 91  |
| 5       |         | 2-methyloctacosane  | 408 C29H60       | 1000376-72-8 91 |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG030220\  
Data File : BG044635.D  
Acq On : 2 Mar 2020 16:31  
Operator : CG/JU  
Sample : L1738-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-01-G0-G1-G0A-G1A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG022420.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... | 4.89  | 3.7     | ng    | 52803    | 1                     | 7.80  | 286494  | 20.0 |
| Dichloroacetic ac... | 21.12 | 5.5     | ng    | 287122   | 5                     | 21.43 | 1050590 | 20.0 |
| Heneicosane          | 22.22 | 2.5     | ng    | 128873   | 5                     | 21.43 | 1050590 | 20.0 |
| Octacosane           | 22.87 | 3.6     | ng    | 191218   | 5                     | 21.43 | 1050590 | 20.0 |
| Eicosane             | 23.62 | 3.5     | ng    | 231977   | 6                     | 24.45 | 1316190 | 20.0 |
| Eicosane, 2-methyl-  | 25.55 | 2.9     | ng    | 188766   | 6                     | 24.45 | 1316190 | 20.0 |