

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\  
 Data File : BG040832.D  
 Acq On : 10 May 2019 1:27  
 Operator : HP/JU  
 Sample : K2764-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P021-SS008-0206-02

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-BG042319.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         | 3.154       | 6             | 11          | 19           | rBV      | 123325         | 215923        | 5.34%           | 0.781%        |
| 2         | 3.231       | 19            | 24          | 38           | rVB      | 271500         | 375297        | 9.29%           | 1.357%        |
| 3         | 5.675       | 432           | 440         | 453          | rBV      | 1118139        | 1771042       | 43.84%          | 6.403%        |
| 4         | 7.279       | 705           | 713         | 724          | rBV      | 1217203        | 2126521       | 52.63%          | 7.688%        |
| 5         | 7.667       | 770           | 779         | 786          | rBV      | 1147509        | 1945928       | 48.16%          | 7.035%        |
| 6         | 8.143       | 851           | 860         | 869          | rBV      | 191186         | 330359        | 8.18%           | 1.194%        |
| 7         | 8.466       | 907           | 915         | 925          | rBV      | 784998         | 1328976       | 32.89%          | 4.804%        |
| 8         | 9.318       | 1051          | 1060        | 1070         | rBV      | 764253         | 1331381       | 32.95%          | 4.813%        |
| 9         | 10.963      | 1333          | 1340        | 1348         | rVB      | 259180         | 458866        | 11.36%          | 1.659%        |
| 10        | 13.395      | 1745          | 1754        | 1765         | rBV      | 1698852        | 2608613       | 64.57%          | 9.430%        |
| 11        | 14.212      | 1886          | 1893        | 1899         | rBV      | 319525         | 440707        | 10.91%          | 1.593%        |
| 12        | 14.770      | 1982          | 1988        | 1995         | rBV2     | 459092         | 731016        | 18.09%          | 2.643%        |
| 13        | 16.251      | 2234          | 2240        | 2257         | rBV      | 1772372        | 2774935       | 68.68%          | 10.032%       |
| 14        | 17.514      | 2448          | 2455        | 2467         | rBV2     | 675748         | 1024984       | 25.37%          | 3.705%        |
| 15        | 18.366      | 2594          | 2600        | 2610         | rBV      | 514295         | 768526        | 19.02%          | 2.778%        |
| 16        | 19.488      | 2787          | 2791        | 2793         | rBV3     | 33098          | 46910         | 1.16%           | 0.170%        |
| 17        | 19.629      | 2810          | 2815        | 2827         | rBV      | 253102         | 367862        | 9.11%           | 1.330%        |
| 18        | 20.105      | 2890          | 2896        | 2907         | rBV      | 3080375        | 4040134       | 100.00%         | 14.606%       |
| 19        | 20.381      | 2938          | 2943        | 2953         | rBV4     | 36408          | 63561         | 1.57%           | 0.230%        |
| 20        | 20.875      | 3024          | 3027        | 3031         | rBV3     | 35704          | 41562         | 1.03%           | 0.150%        |
| 21        | 21.398      | 3109          | 3116        | 3129         | rBV2     | 203633         | 557500        | 13.80%          | 2.015%        |
| 22        | 21.791      | 3177          | 3183        | 3196         | rBV2     | 605083         | 1064020       | 26.34%          | 3.847%        |
| 23        | 21.950      | 3206          | 3210        | 3215         | rVB      | 59191          | 80848         | 2.00%           | 0.292%        |
| 24        | 22.579      | 3311          | 3317        | 3322         | rVB      | 163207         | 260227        | 6.44%           | 0.941%        |
| 25        | 22.643      | 3322          | 3328        | 3330         | rBV8     | 36135          | 70342         | 1.74%           | 0.254%        |
| 26        | 23.290      | 3432          | 3438        | 3446         | rBV2     | 108288         | 215503        | 5.33%           | 0.779%        |
| 27        | 23.495      | 3467          | 3473        | 3481         | rVB      | 143081         | 290897        | 7.20%           | 1.052%        |
| 28        | 23.666      | 3496          | 3502        | 3511         | rBV6     | 62387          | 138594        | 3.43%           | 0.501%        |
| 29        | 24.130      | 3573          | 3581        | 3588         | rBV2     | 159837         | 352816        | 8.73%           | 1.275%        |
| 30        | 24.241      | 3591          | 3600        | 3614         | rBV8     | 59838          | 303686        | 7.52%           | 1.098%        |
| 31        | 25.152      | 3742          | 3755        | 3765         | rBV      | 308664         | 1107225       | 27.41%          | 4.003%        |
| 32        | 25.669      | 3836          | 3843        | 3852         | rVB      | 35936          | 102301        | 2.53%           | 0.370%        |
| 33        | 26.298      | 3940          | 3950        | 3965         | rVB3     | 101466         | 324530        | 8.03%           | 1.173%        |

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ClientSampleId :  
P021-SS008-0206-02

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-BG042319.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

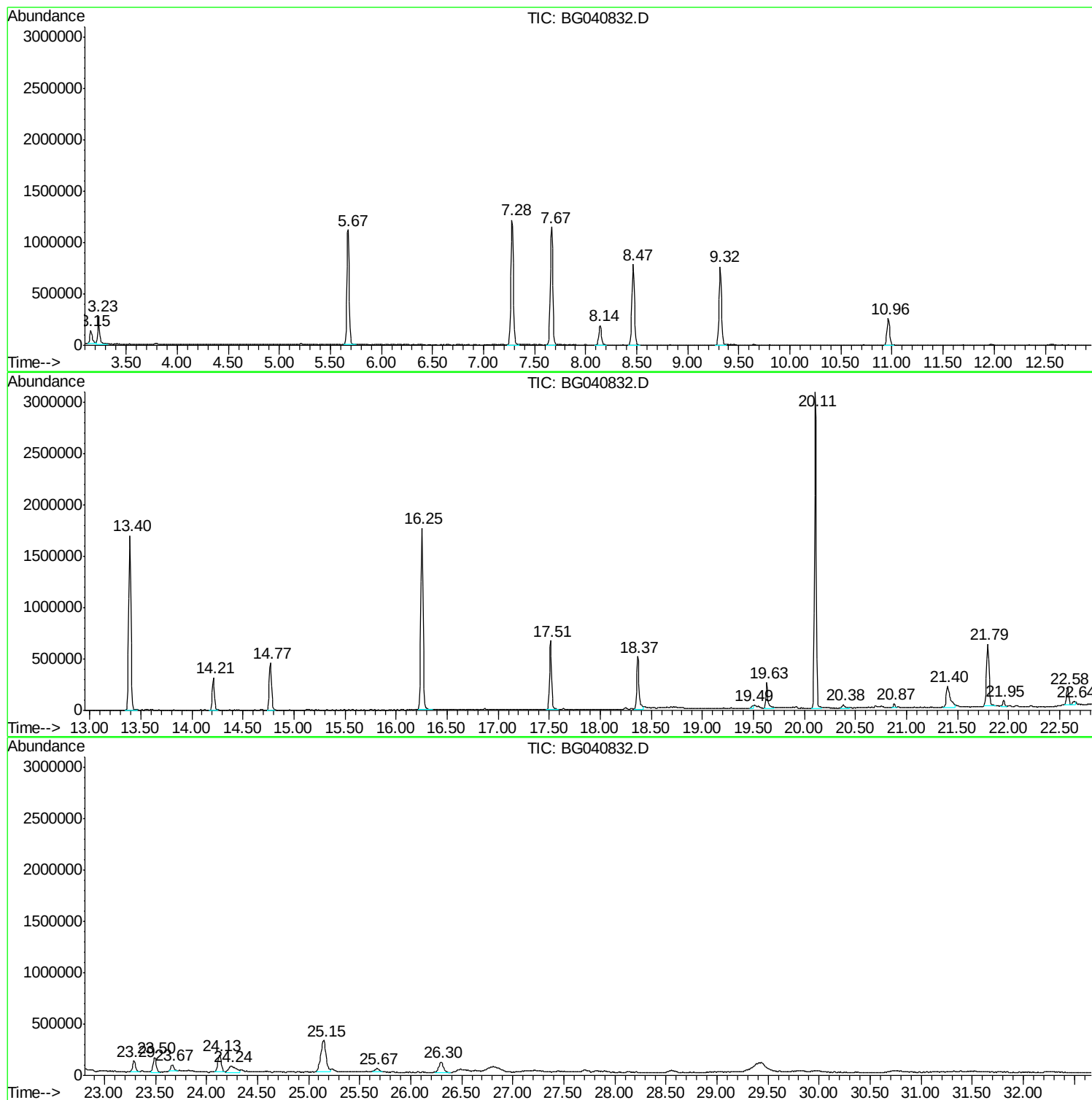
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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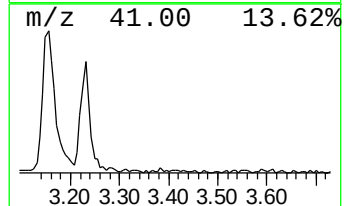
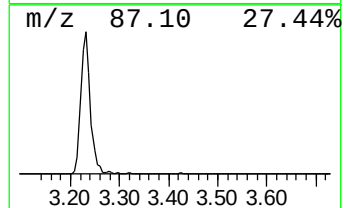
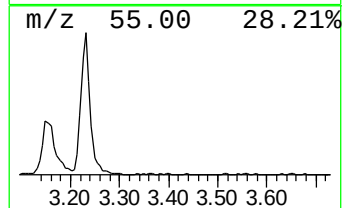
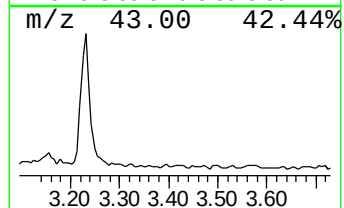
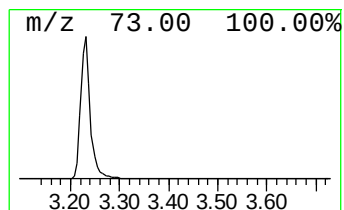
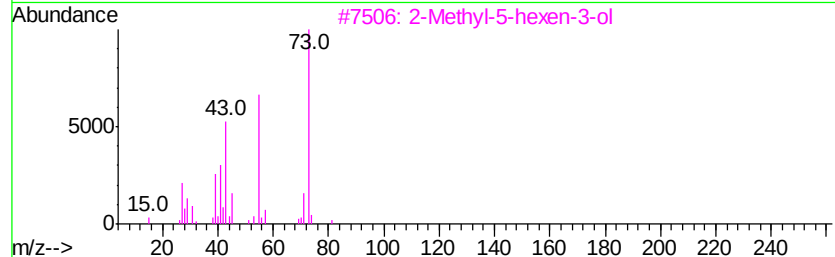
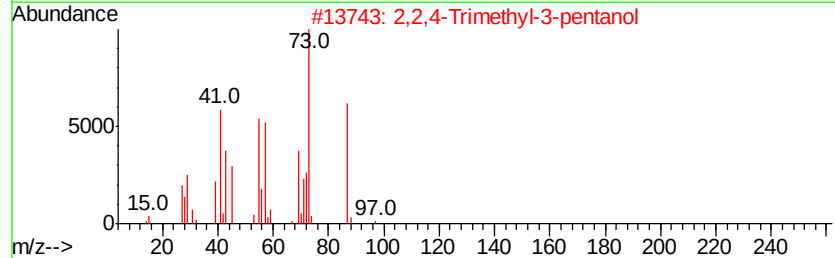
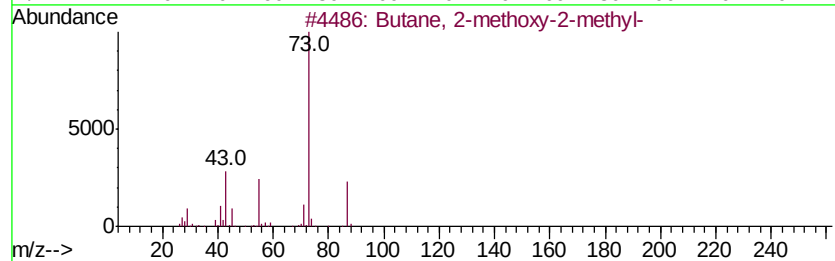
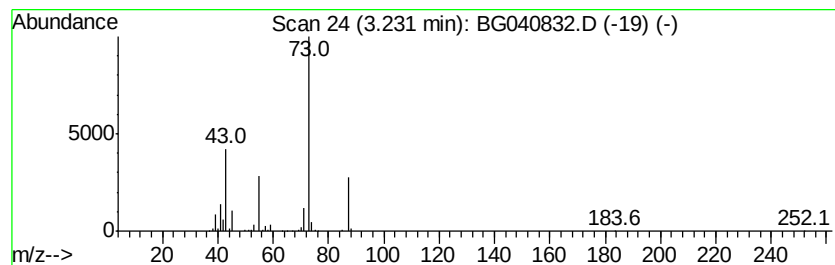
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 3.23 | 22.72 ng | 375297 | 1,4-Dichlorobenzene-d4 | 8.14 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 50   |
| 3    |    | 2-Methyl-5-hexen-3-ol       | 114 | C7H14O  | 032815-70-6 | 32   |
| 4    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 10   |
| 5    |    | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

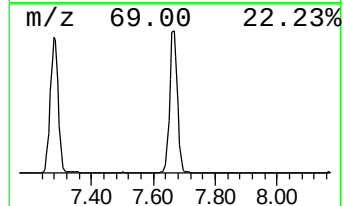
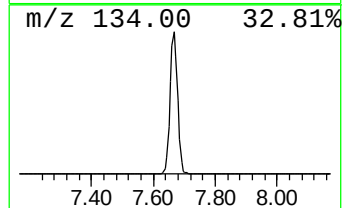
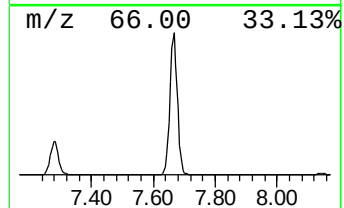
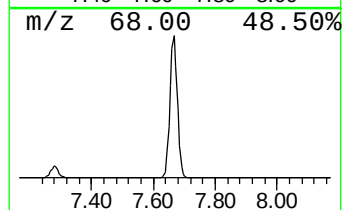
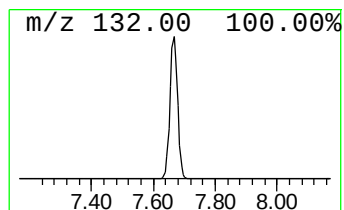
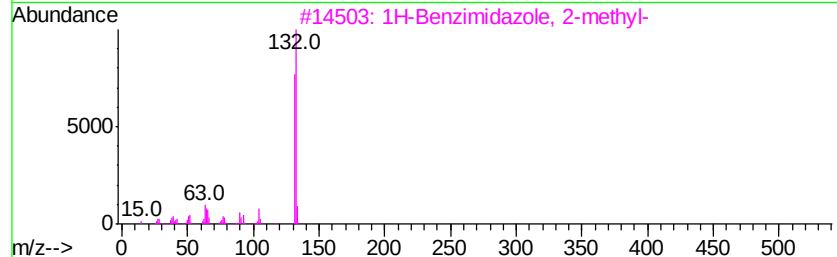
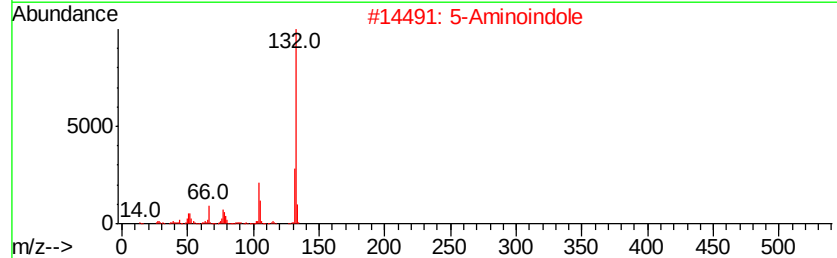
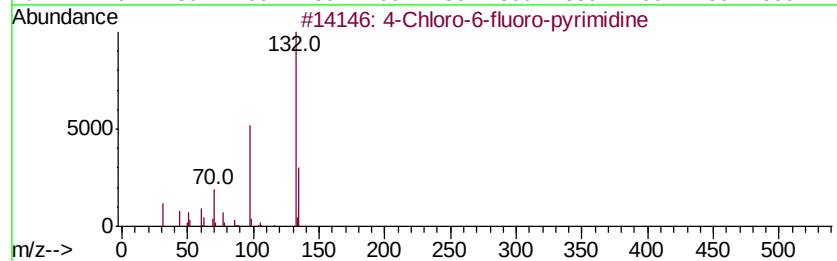
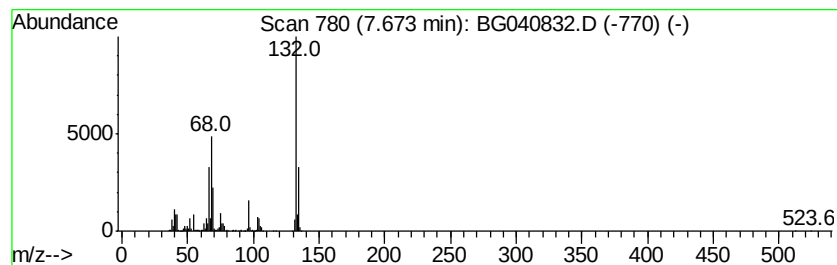
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown7.67 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.67 | 117.81 ng | 1945930 | 1,4-Dichlorobenzene-d4 | 8.14 |

| Hit# | of | Tentative ID                 | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 2    |    | 5-Aminoindole                | 132 | C8H8N2    | 005192-03-0  | 22   |
| 3    |    | 1H-Benzimidazole, 2-methyl-  | 132 | C8H8N2    | 000615-15-6  | 22   |
| 4    |    | 3-Chloro-6-fluoro-pyrazine   | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 5    |    | Cyclopropanamine, 1-phenyl-  | 133 | C9H11N    | 1000351-26-2 | 14   |



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BNA\_G  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M  
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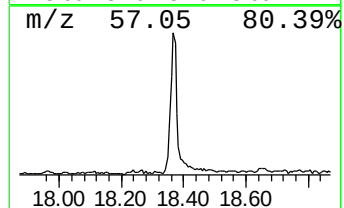
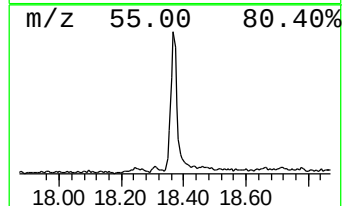
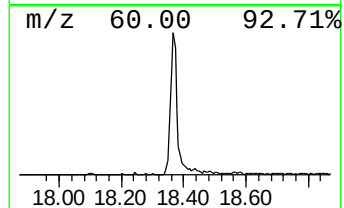
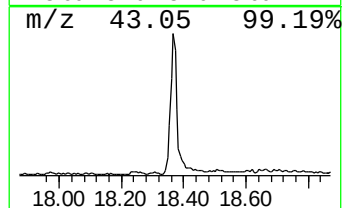
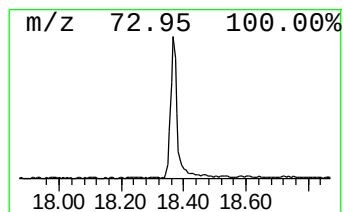
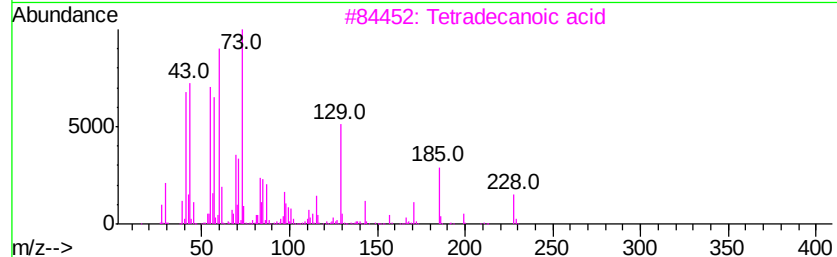
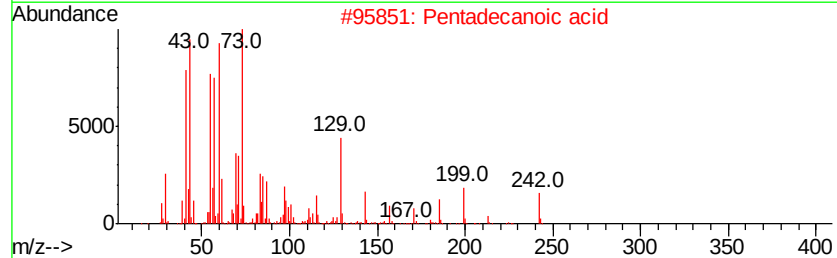
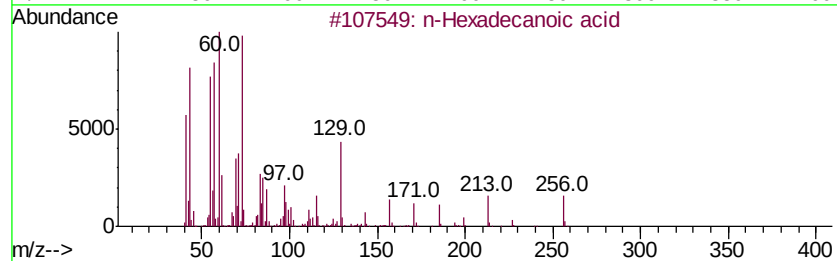
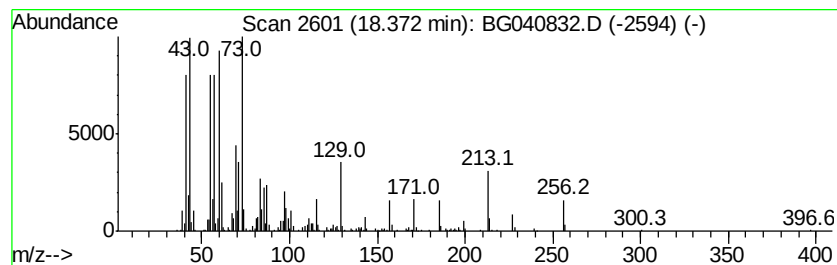
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 18.37 | 15.00 ng | 768526 | Phenanthrene-d10 | 17.51 |

| Hit# of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|---------|---|---------------------|-----|----------|-------------|------|
| 1       |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2       |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 76   |
| 3       |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 72   |
| 4       |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 68   |
| 5       |   | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 64   |



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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M  
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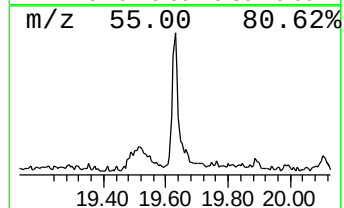
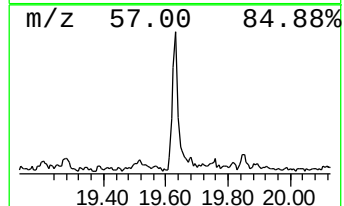
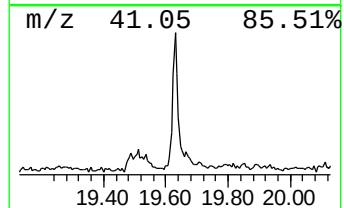
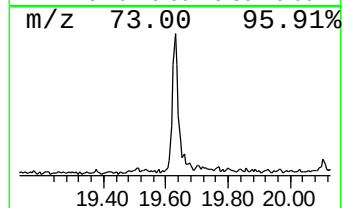
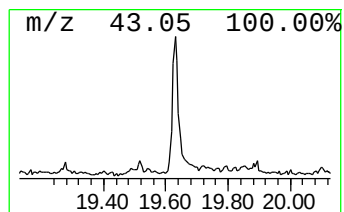
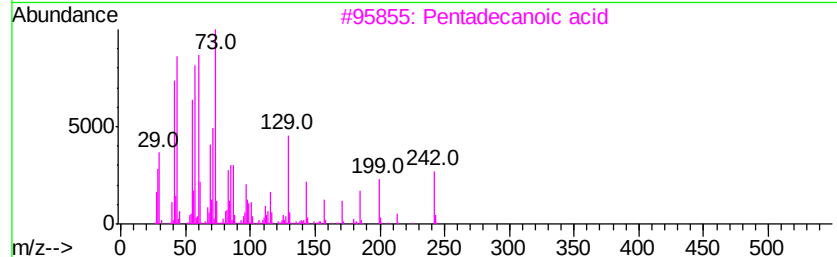
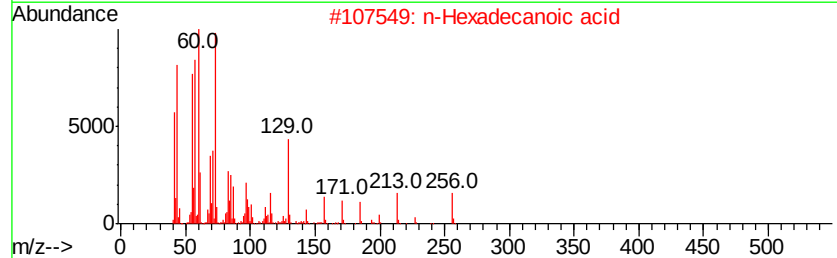
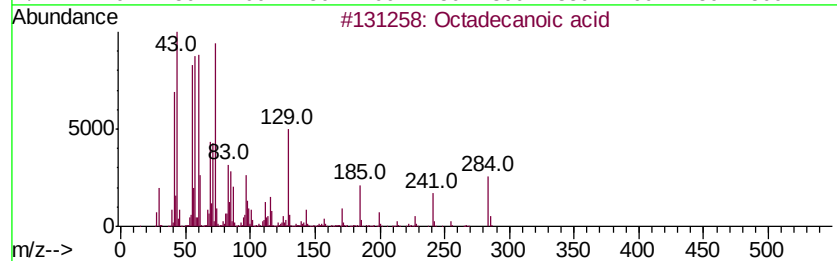
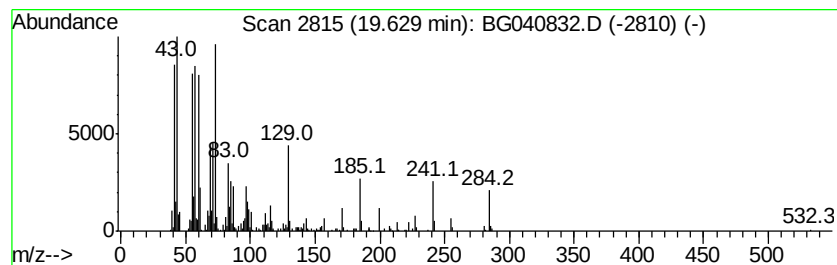
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Octadecanoic acid Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 19.63 | 7.18 ng | 367862 | Phenanthrene-d10 | 17.51 |

| Hit# | of | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---------------------|-----|----------|-------------|------|
| 1    | 5  | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 93   |
| 3    |    | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 92   |
| 4    |    | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 74   |
| 5    |    | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 68   |



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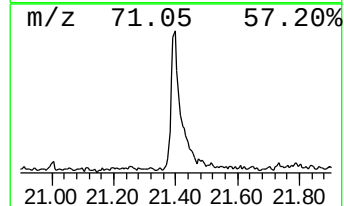
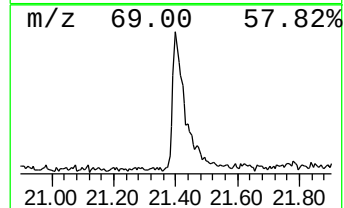
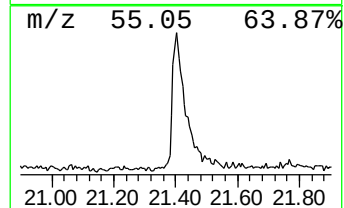
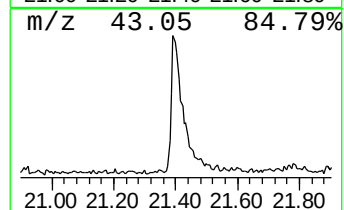
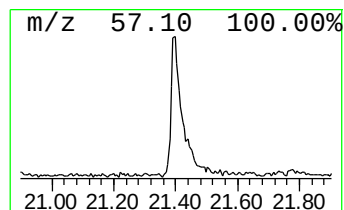
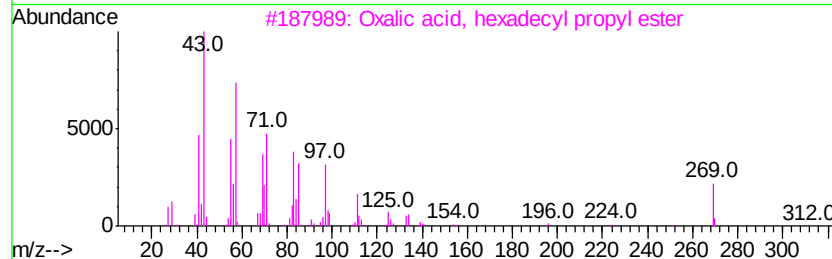
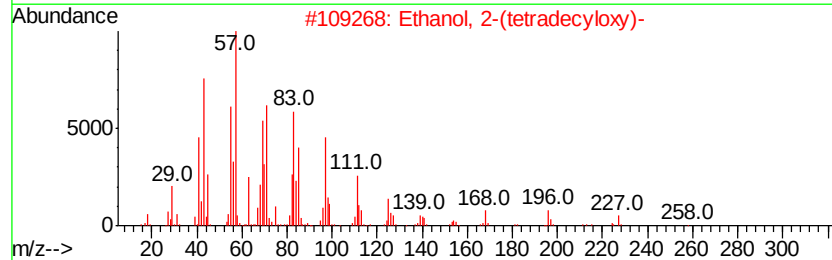
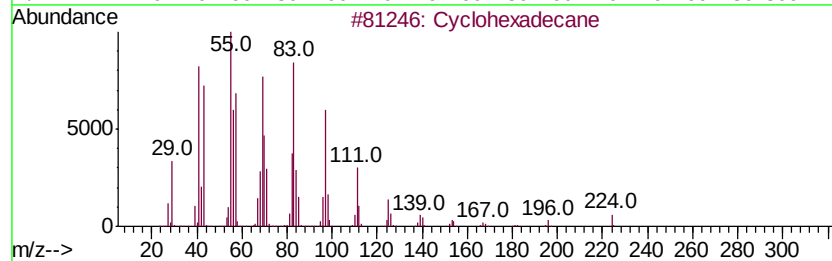
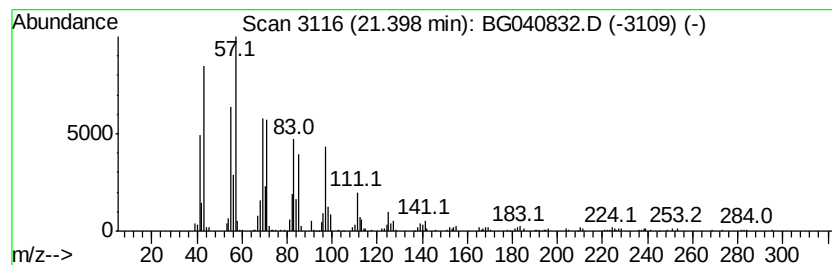
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ClientSampleId :  
P021-SS008-0206-02

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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 7 Cyclohexadecane Concentration Rank 6

| R.T.    | EstConc  | Area                                | Relative to ISTD | R.T.            |
|---------|----------|-------------------------------------|------------------|-----------------|
| 21.40   | 10.48 ng | 557500                              | Chrysene-d12     | 21.79           |
| Hit# of | 5        | Tentative ID                        | MW MolForm       | CAS# Qual       |
| 1       |          | Cyclohexadecane                     | 224 C16H32       | 000295-65-8 94  |
| 2       |          | Ethanol, 2-(tetradecyloxy)-         | 258 C16H34O2     | 002136-70-1 91  |
| 3       |          | Oxalic acid, hexadecyl propyl ester | 356 C21H40O4     | 1000309-26-9 91 |
| 4       |          | Octacosyl trifluoroacetate          | 506 C30H57F3O2   | 1000351-74-9 90 |
| 5       |          | Tetracosyl heptafluorobutyrate      | 550 C28H49F7O2   | 1000351-83-7 90 |





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\  
Data File : BG040832.D  
Acq On : 10 May 2019 1:27  
Operator : HP/JU  
Sample : K2764-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
P021-SS008-0206-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

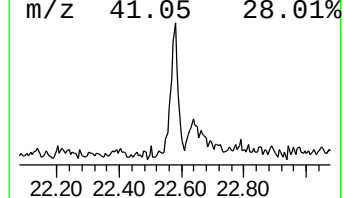
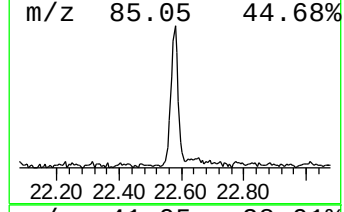
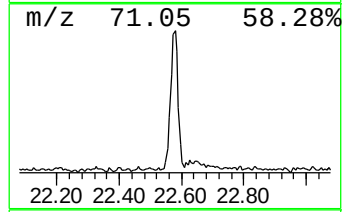
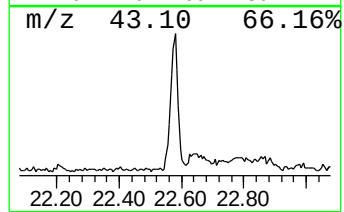
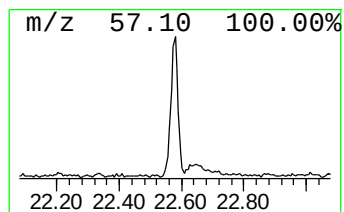
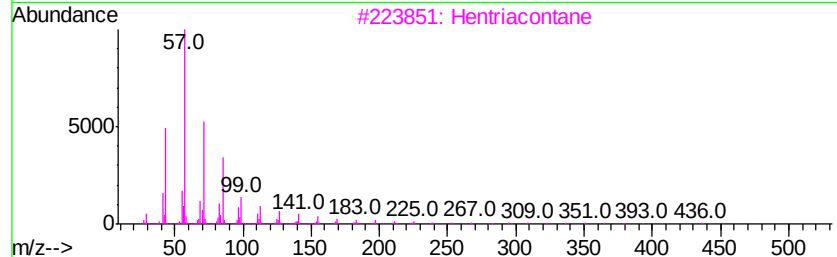
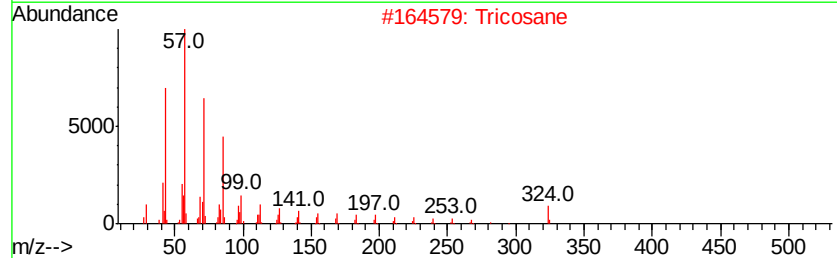
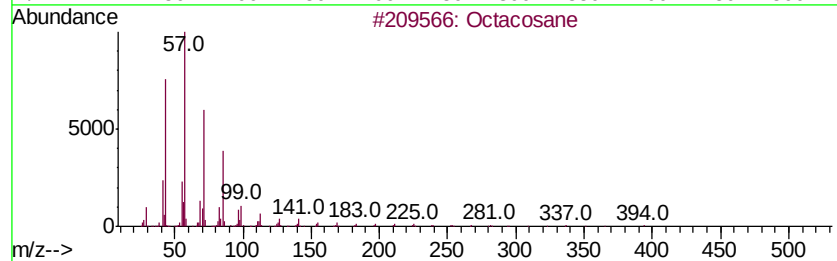
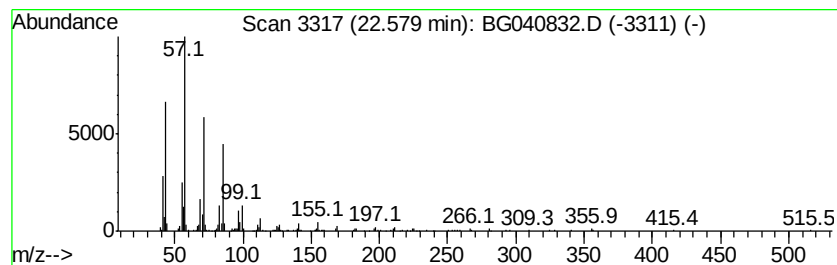
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 Octacosane Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 22.58 | 4.89 ng | 260227 | Chrysene-d12     | 21.79 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Octacosane            | 394 | C28H58  | 000630-02-4 | 90   |
| 2    |    | Tricosane             | 324 | C23H48  | 000638-67-5 | 87   |
| 3    |    | Hentriacontane        | 437 | C31H64  | 000630-04-6 | 86   |
| 4    |    | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 86   |
| 5    |    | Pentacosane           | 352 | C25H52  | 000629-99-2 | 86   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\  
Data File : BG040832.D  
Acq On : 10 May 2019 1:27  
Operator : HP/JU  
Sample : K2764-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
P021-SS008-0206-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

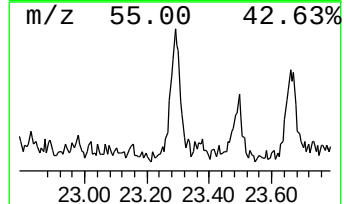
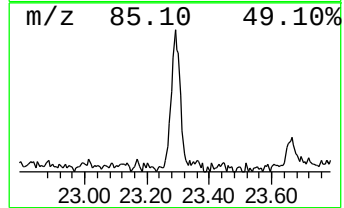
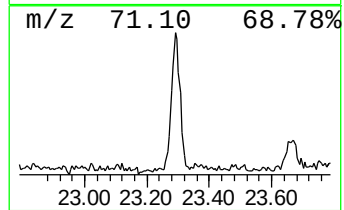
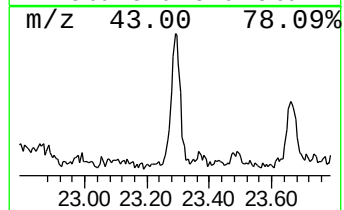
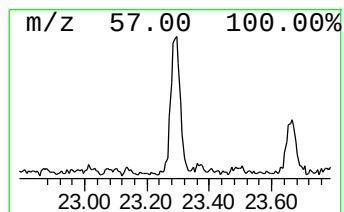
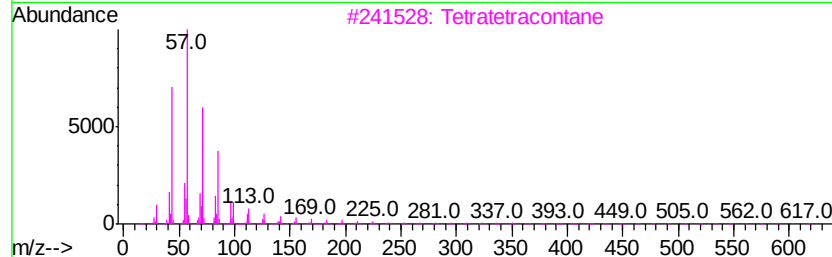
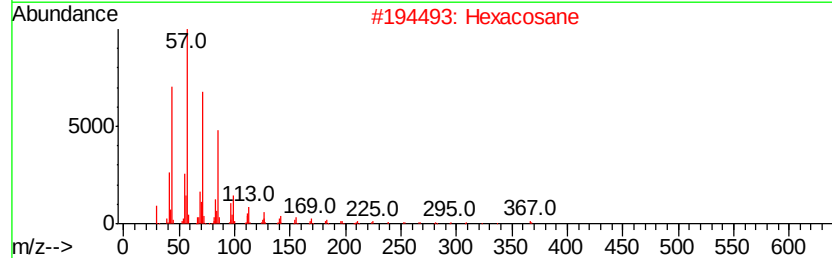
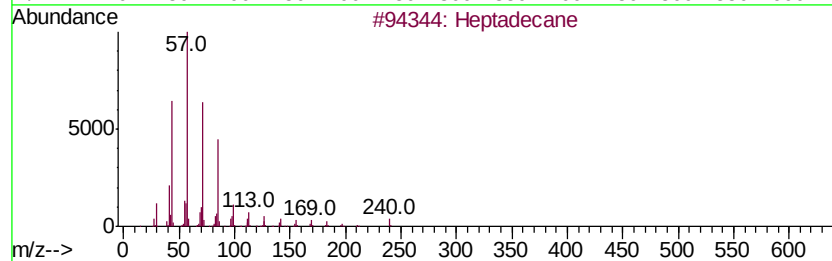
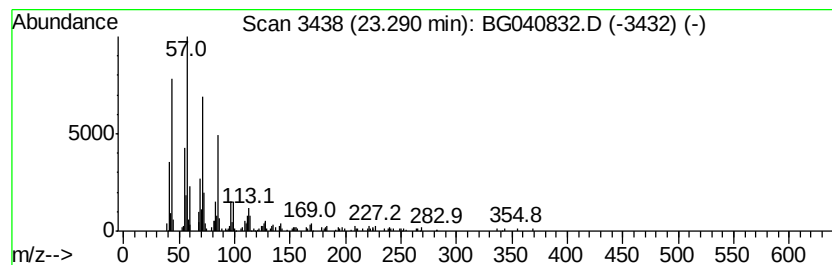
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 Heptadecane Concentration Rank 13

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.29 | 4.05 ng | 215503 | Chrysene-d12     | 21.79 |

| Hit# of | 5                 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|-------------------|--------------|-----|---------|-------------|------|
| 1       | Heptadecane       |              | 240 | C17H36  | 000629-78-7 | 86   |
| 2       | Hexacosane        |              | 366 | C26H54  | 000630-01-3 | 76   |
| 3       | Tetratetracontane |              | 619 | C44H90  | 007098-22-8 | 70   |
| 4       | Octacosane        |              | 394 | C28H58  | 000630-02-4 | 68   |
| 5       | Tetracosane       |              | 338 | C24H50  | 000646-31-1 | 68   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\  
Data File : BG040832.D  
Acq On : 10 May 2019 1:27  
Operator : HP/JU  
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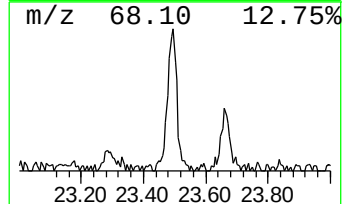
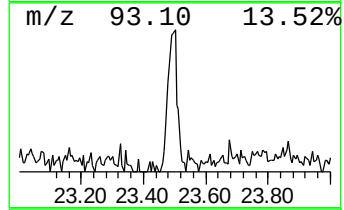
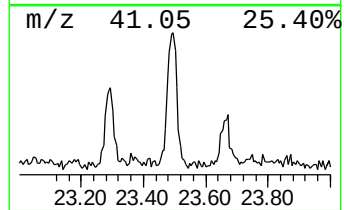
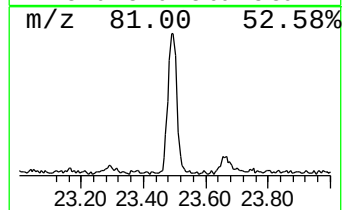
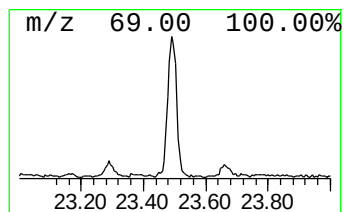
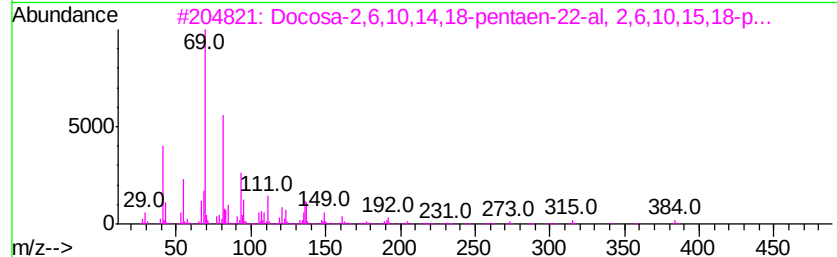
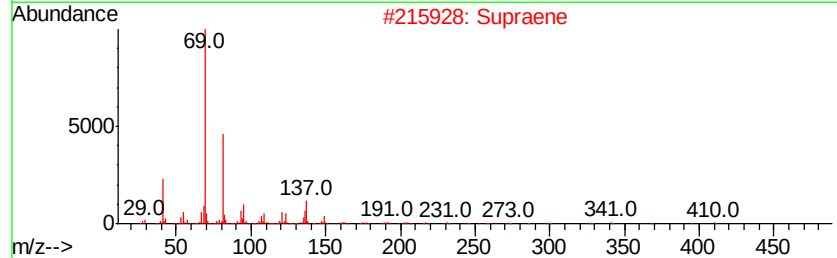
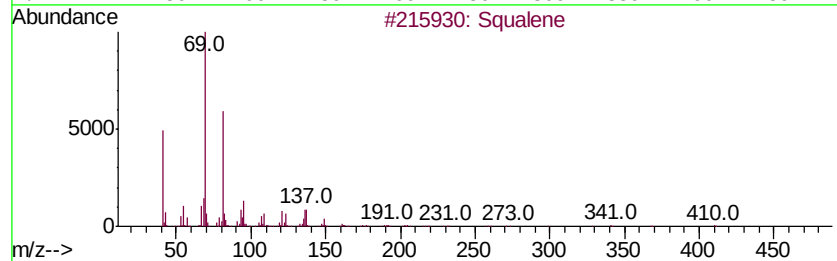
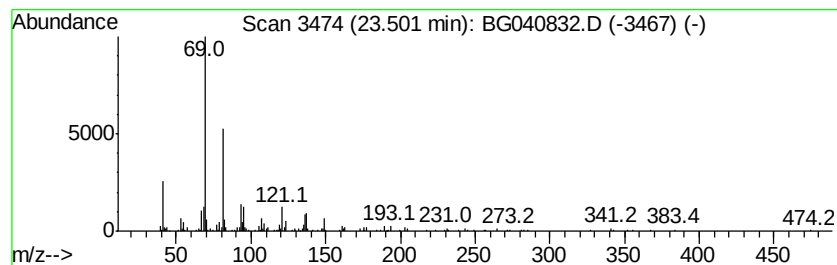
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Squalene Concentration Rank 11

| R.T.    | EstConc                             | Area         | Relative to ISTD | R.T.      |
|---------|-------------------------------------|--------------|------------------|-----------|
| 23.50   | 5.25 ng                             | 290897       | Perylene-d12     | 25.15     |
| Hit# of | 5                                   | Tentative ID | MW MolForm       | CAS# Qual |
| 1       | Squalene                            | 410 C30H50   | 000111-02-4      | 91        |
| 2       | Supraene                            | 410 C30H50   | 007683-64-9      | 91        |
| 3       | Docosa-2,6,10,14,18-pentaen-22-a... | 384 C27H44O  | 1000163-04-7     | 90        |
| 4       | 4,8,12-Tetradecatrilal, 5,9,13-...  | 248 C17H28O  | 066408-55-7      | 80        |
| 5       | 7,11-Dimethyldodeca-2,6,10-trien... | 208 C14H24O  | 125529-10-4      | 72        |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\  
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Sample : K2764-01  
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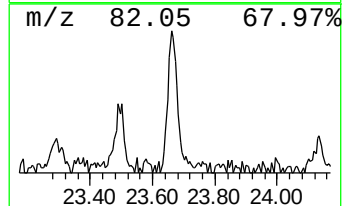
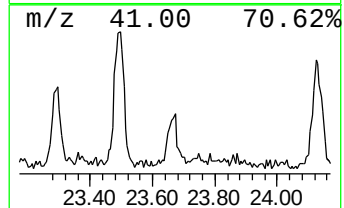
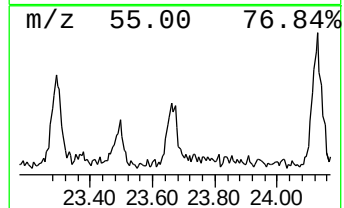
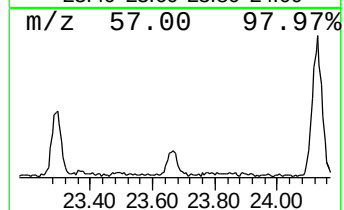
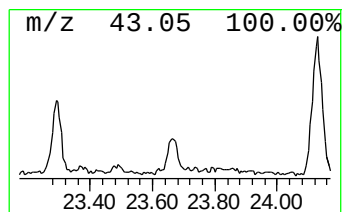
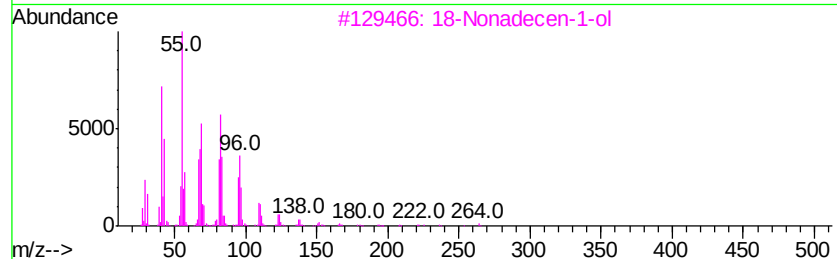
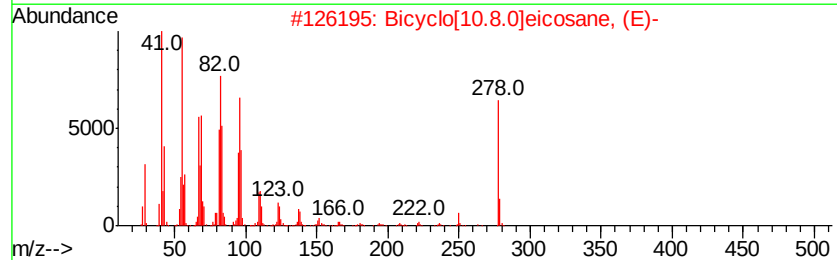
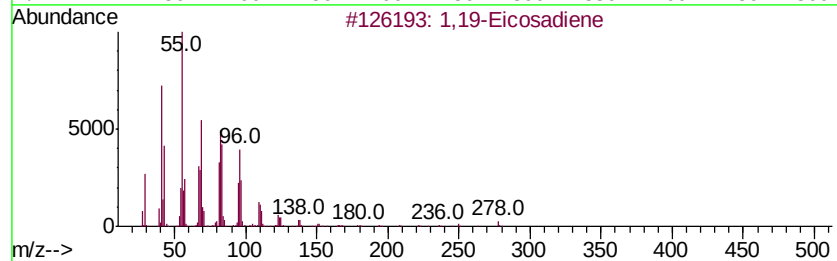
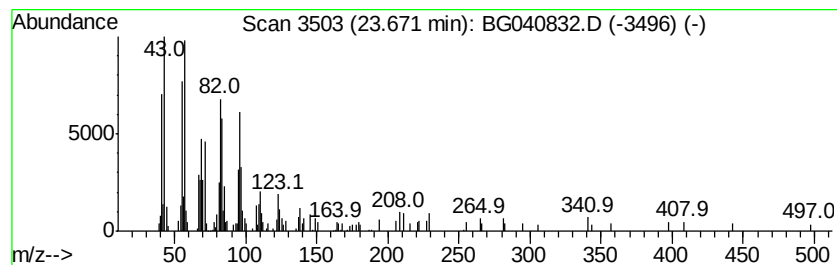
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ClientSampleId :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 1,19-Eicosadiene Concentration Rank 14

| R.T.    | EstConc                         | Area         | Relative to ISTD | R.T.            |
|---------|---------------------------------|--------------|------------------|-----------------|
| 23.67   | 2.50 ng                         | 138594       | Perylene-d12     | 25.15           |
| Hit# of | 5                               | Tentative ID | MW MolForm       | CAS# Qual       |
| 1       | 1,19-Eicosadiene                |              | 278 C20H38       | 014811-95-1 93  |
| 2       | Bicyclo[10.8.0]eicosane, (E)-   |              | 278 C20H38       | 1000155-85-0 64 |
| 3       | 18-Nonadecen-1-ol               |              | 282 C19H38O      | 1000142-89-2 58 |
| 4       | 1,16-Hexadecanediol             |              | 258 C16H34O2     | 007735-42-4 58  |
| 5       | Bicyclo[4.1.0]heptane, 7-butyl- |              | 152 C11H20       | 018645-10-8 55  |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\  
Data File : BG040832.D  
Acq On : 10 May 2019 1:27  
Operator : HP/JU  
Sample : K2764-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
P021-SS008-0206-02

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

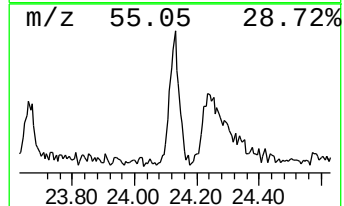
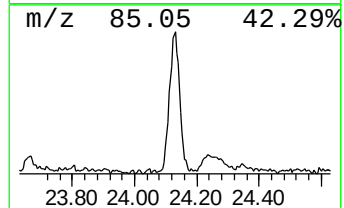
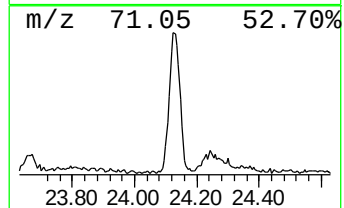
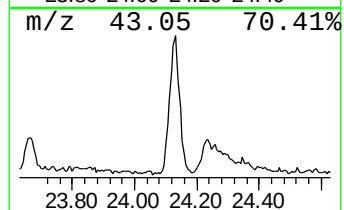
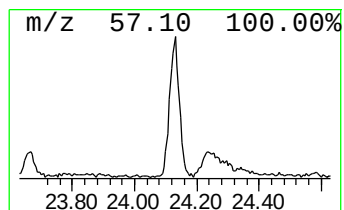
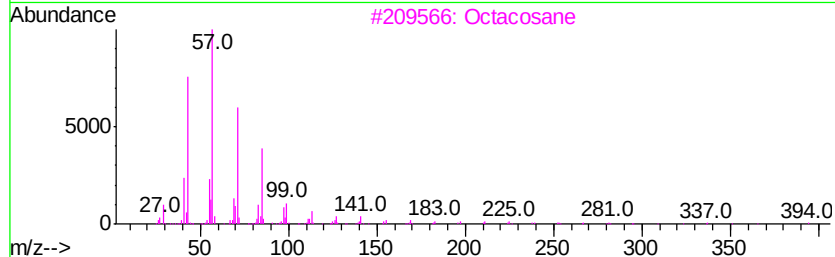
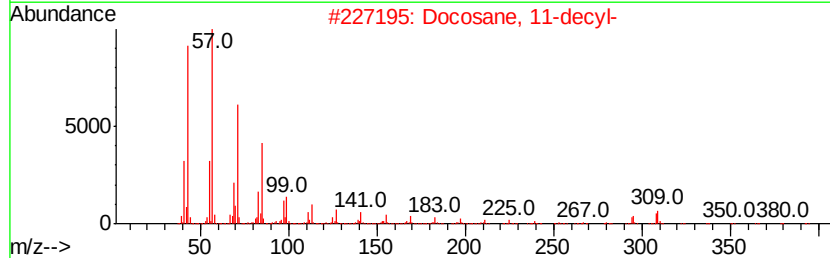
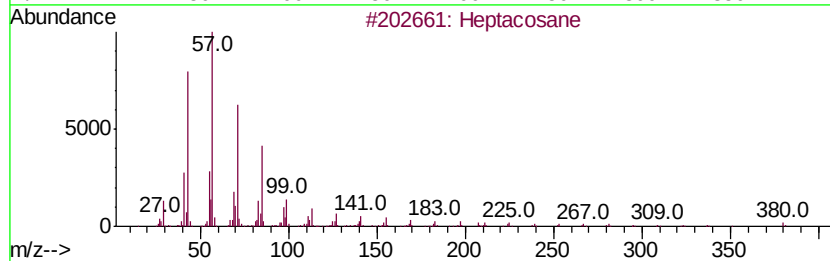
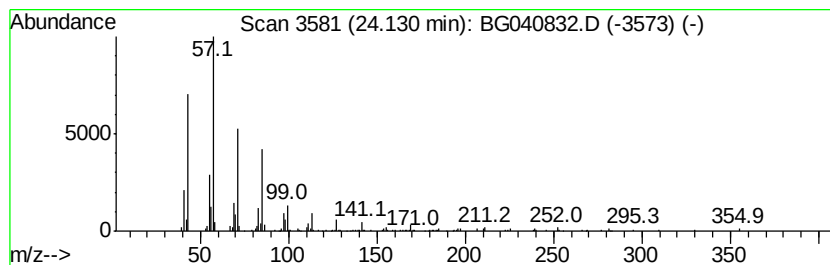
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Peak Number 12 Heptacosane Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 24.13 | 6.37 ng | 352816 | Perylene-d12     | 25.15 |

| Hit# | of | Tentative ID        | MW  | MolForm | CAS#         | Qual |
|------|----|---------------------|-----|---------|--------------|------|
| 1    | 5  | Heptacosane         | 380 | C27H56  | 000593-49-7  | 91   |
| 2    |    | Docosane, 11-decyl- | 451 | C32H66  | 055401-55-3  | 90   |
| 3    |    | Octacosane          | 394 | C28H58  | 000630-02-4  | 90   |
| 4    |    | Tetracosane         | 338 | C24H50  | 000646-31-1  | 87   |
| 5    |    | 2-methyloctacosane  | 408 | C29H60  | 1000376-72-8 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\  
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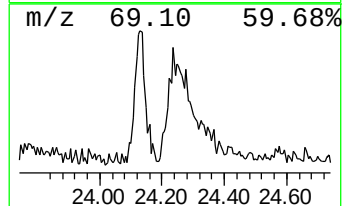
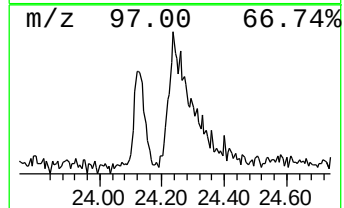
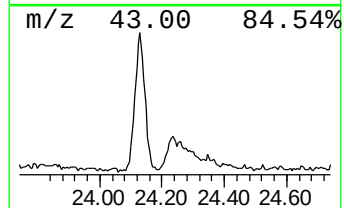
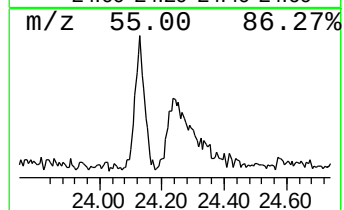
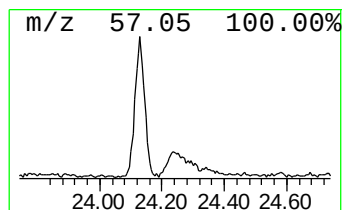
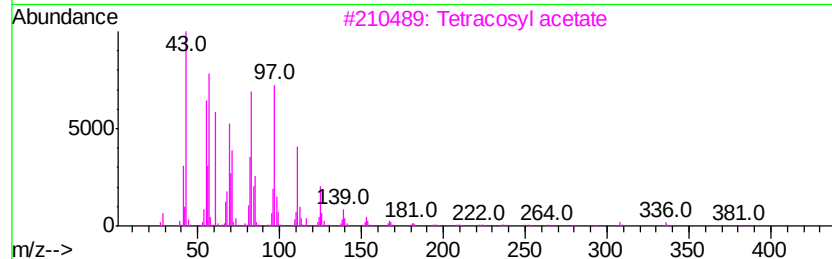
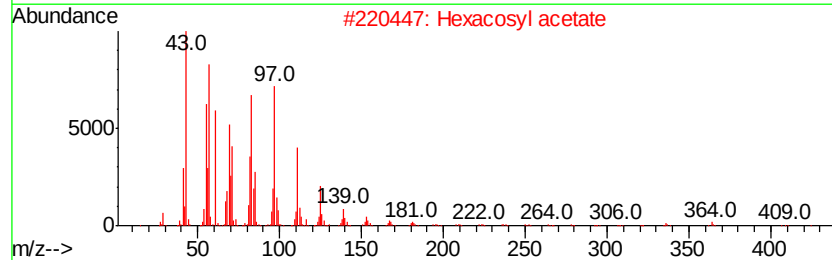
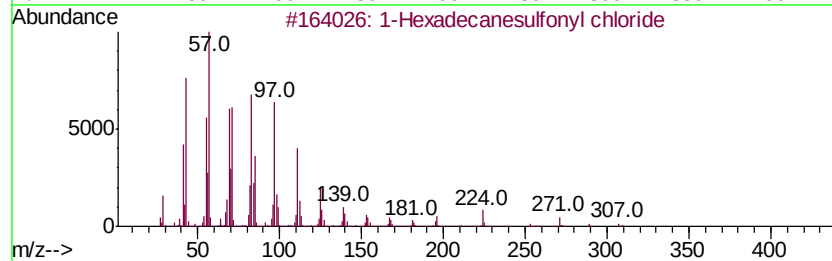
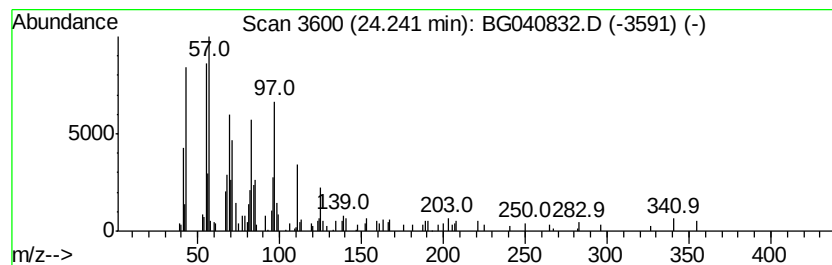
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P021-SS008-0206-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.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 13 1-Hexadecanesulfonyl chloride Concentration Rank 10

| R.T.      | EstConc                       | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------|--------|------------------|--------------|------|
| 24.24     | 5.49 ng                       | 303686 | Perylene-d12     | 25.15        |      |
| Hit# of 5 | Tentative ID                  | MW     | MolForm          | CAS#         | Qual |
| 1         | 1-Hexadecanesulfonyl chloride | 324    | C16H33ClO2S      | 038775-38-1  | 90   |
| 2         | Hexacosyl acetate             | 424    | C28H56O2         | 000822-32-2  | 90   |
| 3         | Tetracosyl acetate            | 396    | C26H52O2         | 1000351-78-1 | 87   |
| 4         | Docosyl trifluoroacetate      | 422    | C24H45F3O2       | 1000351-75-5 | 87   |
| 5         | Heptacosyl acetate            | 438    | C29H58O2         | 1000351-78-2 | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050919\  
Data File : BG040832.D  
Acq On : 10 May 2019 1:27  
Operator : HP/JU  
Sample : K2764-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

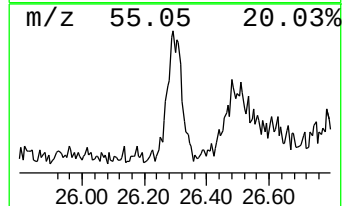
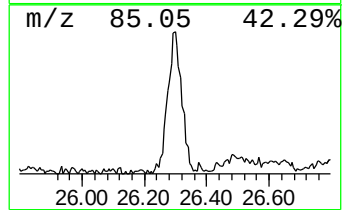
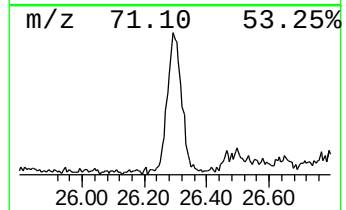
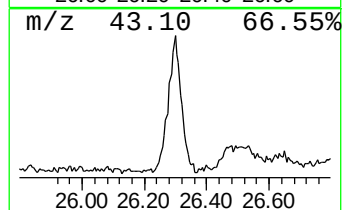
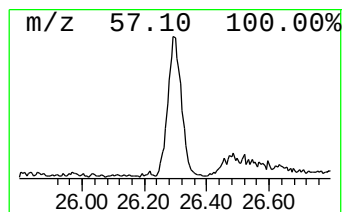
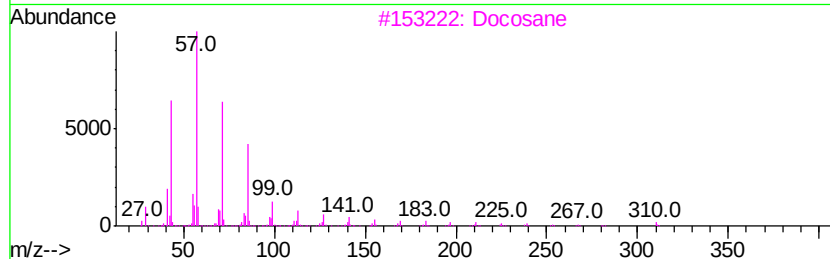
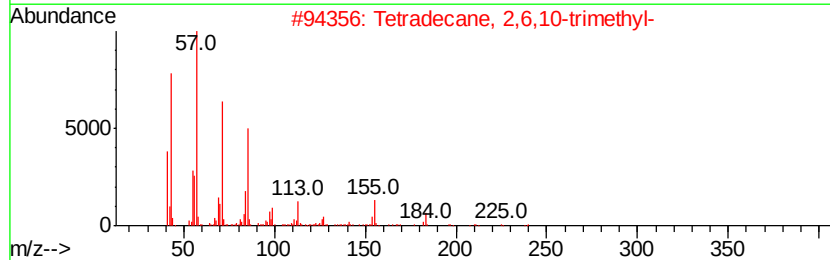
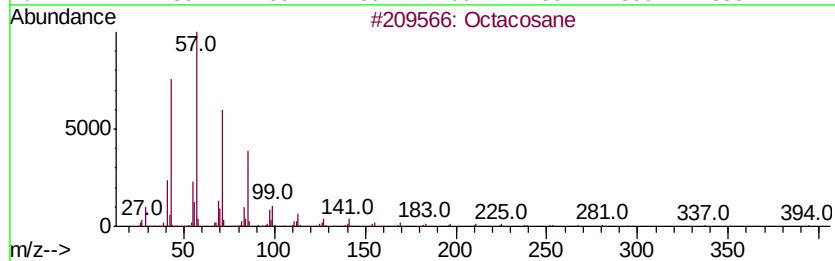
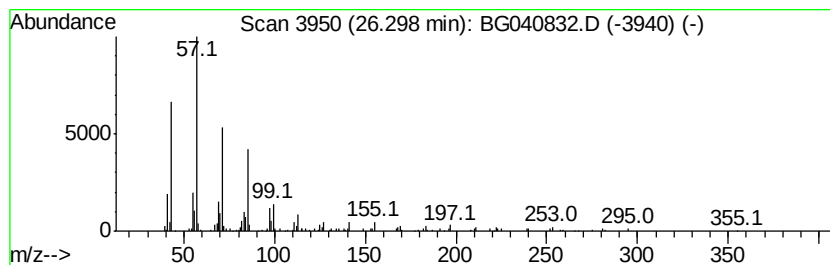
Instrument :  
BNA\_G  
ClientSampleId :  
P021-SS008-0206-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.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 14 Tetradecane, 2,6,10-trimethyl- Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD               |     | R.T.    |             |      |
|-------|---------|--------|--------------------------------|-----|---------|-------------|------|
| 26.30 | 5.86 ng | 324530 | Perylene-d12                   |     | 25.15   |             |      |
| Hit#  | of      | 5      | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
| 1     |         |        | Octacosane                     | 394 | C28H58  | 000630-02-4 | 90   |
| 2     |         |        | Tetradecane, 2,6,10-trimethyl- | 240 | C17H36  | 014905-56-7 | 87   |
| 3     |         |        | Docosane                       | 310 | C22H46  | 000629-97-0 | 83   |
| 4     |         |        | Eicosane, 9-octyl-             | 394 | C28H58  | 013475-77-9 | 83   |
| 5     |         |        | Eicosane                       | 282 | C20H42  | 000112-95-8 | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG050919\  
Data File : BG040832.D  
Acq On : 10 May 2019 1:27  
Operator : HP/JU  
Sample : K2764-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
P021-SS008-0206-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG042319.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 |
| Butane, 2-methoxy... | 3.23  | 22.7    | ng    | 375297   | 1                     | 8.14  | 330359  | 20.0 |
| unknown7.67          | 7.67  | 117.8   | ng    | 1945930  | 1                     | 8.14  | 330359  | 20.0 |
| n-Hexadecanoic acid  | 18.37 | 15.0    | ng    | 768526   | 4                     | 17.51 | 1024980 | 20.0 |
| Octadecanoic acid    | 19.63 | 7.2     | ng    | 367862   | 4                     | 17.51 | 1024980 | 20.0 |
| Cyclohexadecane      | 21.40 | 10.5    | ng    | 557500   | 5                     | 21.79 | 1064020 | 20.0 |
| Octacosane           | 22.58 | 4.9     | ng    | 260227   | 5                     | 21.79 | 1064020 | 20.0 |
| Heptadecane          | 23.29 | 4.0     | ng    | 215503   | 5                     | 21.79 | 1064020 | 20.0 |
| Squalene             | 23.50 | 5.3     | ng    | 290897   | 6                     | 25.15 | 1107230 | 20.0 |
| 1,19-Eicosadiene     | 23.67 | 2.5     | ng    | 138594   | 6                     | 25.15 | 1107230 | 20.0 |
| Heptacosane          | 24.13 | 6.4     | ng    | 352816   | 6                     | 25.15 | 1107230 | 20.0 |
| 1-Hexadecanesulfo... | 24.24 | 5.5     | ng    | 303686   | 6                     | 25.15 | 1107230 | 20.0 |
| Tetradecane, 2,6,... | 26.30 | 5.9     | ng    | 324530   | 6                     | 25.15 | 1107230 | 20.0 |