

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\  
 Data File : BG045886.D  
 Acq On : 30 Jun 2020 16:04  
 Operator : CG/JU  
 Sample : L3153-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SP1-A

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-BG061520.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         | 5.496       | 403           | 410         | 424          | rBV      | 718866         | 1243841       | 40.07%          | 5.702%        |
| 2         | 7.112       | 678           | 685         | 699          | rBV      | 764030         | 1408347       | 45.37%          | 6.456%        |
| 3         | 7.893       | 811           | 818         | 826          | rBV      | 222859         | 376062        | 12.11%          | 1.724%        |
| 4         | 8.216       | 865           | 873         | 887          | rVB      | 676364         | 1182237       | 38.08%          | 5.420%        |
| 5         | 9.056       | 1007          | 1016        | 1028         | rBV      | 508931         | 934997        | 30.12%          | 4.286%        |
| 6         | 10.701      | 1288          | 1296        | 1305         | rBV      | 281136         | 512778        | 16.52%          | 2.351%        |
| 7         | 12.169      | 1540          | 1546        | 1555         | rVB4     | 19503          | 34639         | 1.12%           | 0.159%        |
| 8         | 13.168      | 1708          | 1716        | 1728         | rBV      | 1395128        | 2259531       | 72.79%          | 10.358%       |
| 9         | 13.873      | 1831          | 1836        | 1843         | rVB3     | 49406          | 73479         | 2.37%           | 0.337%        |
| 10        | 14.002      | 1852          | 1858        | 1867         | rVB      | 103770         | 160499        | 5.17%           | 0.736%        |
| 11        | 14.549      | 1939          | 1951        | 1958         | rBV      | 438454         | 737454        | 23.76%          | 3.381%        |
| 12        | 16.047      | 2195          | 2206        | 2214         | rBV      | 1173182        | 1757871       | 56.63%          | 8.059%        |
| 13        | 17.298      | 2413          | 2419        | 2426         | rBV      | 555128         | 836449        | 26.95%          | 3.835%        |
| 14        | 18.208      | 2570          | 2574        | 2578         | rBV3     | 28584          | 43704         | 1.41%           | 0.200%        |
| 15        | 18.802      | 2668          | 2675        | 2683         | rBV5     | 36778          | 74903         | 2.41%           | 0.343%        |
| 16        | 18.960      | 2694          | 2702        | 2706         | rBV      | 68417          | 101345        | 3.26%           | 0.465%        |
| 17        | 19.360      | 2766          | 2770        | 2775         | rVB4     | 55035          | 79637         | 2.57%           | 0.365%        |
| 18        | 19.824      | 2844          | 2849        | 2855         | rVB      | 323824         | 426944        | 13.75%          | 1.957%        |
| 19        | 19.918      | 2859          | 2865        | 2874         | rBV      | 2421659        | 3104273       | 100.00%         | 14.231%       |
| 20        | 20.200      | 2910          | 2913        | 2916         | rBV3     | 27284          | 39637         | 1.28%           | 0.182%        |
| 21        | 20.723      | 2997          | 3002        | 3005         | rBV5     | 26429          | 41807         | 1.35%           | 0.192%        |
| 22        | 20.770      | 3005          | 3010        | 3015         | rVV      | 180048         | 232038        | 7.47%           | 1.064%        |
| 23        | 21.034      | 3051          | 3055        | 3059         | rVB2     | 36127          | 46542         | 1.50%           | 0.213%        |
| 24        | 21.216      | 3081          | 3086        | 3094         | rBV      | 265606         | 435382        | 14.03%          | 1.996%        |
| 25        | 21.557      | 3137          | 3144        | 3149         | rBV      | 529102         | 850770        | 27.41%          | 3.900%        |
| 26        | 21.751      | 3173          | 3177        | 3181         | rBV4     | 43498          | 61352         | 1.98%           | 0.281%        |
| 27        | 21.986      | 3213          | 3217        | 3223         | rVB3     | 32344          | 49856         | 1.61%           | 0.229%        |
| 28        | 22.361      | 3273          | 3281        | 3290         | rBV4     | 185067         | 492251        | 15.86%          | 2.257%        |
| 29        | 23.008      | 3387          | 3391        | 3397         | rVB3     | 35600          | 61059         | 1.97%           | 0.280%        |
| 30        | 23.184      | 3419          | 3421        | 3429         | rVB5     | 29333          | 53094         | 1.71%           | 0.243%        |
| 31        | 23.348      | 3443          | 3449        | 3455         | rVB2     | 82338          | 171452        | 5.52%           | 0.786%        |
| 32        | 23.783      | 3516          | 3523        | 3530         | rBV      | 328124         | 708261        | 22.82%          | 3.247%        |
| 33        | 23.848      | 3530          | 3534        | 3545         | rVB3     | 95162          | 231353        | 7.45%           | 1.061%        |
| 34        | 24.670      | 3665          | 3674        | 3689         | rVB2     | 323799         | 963528        | 31.04%          | 4.417%        |

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Sample : L3153-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SP1-A

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-BG061520.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 35 | 25.193 | 3756 | 3763 | 3772 | rVB3 | 126754 | 327113 | 10.54% | 1.500% |
| 36 | 25.780 | 3854 | 3863 | 3875 | rVB2 | 229160 | 683752 | 22.03% | 3.135% |
| 37 | 25.898 | 3877 | 3883 | 3885 | rBV5 | 65591  | 119843 | 3.86%  | 0.549% |
| 38 | 27.831 | 4205 | 4212 | 4223 | rVB5 | 84392  | 293934 | 9.47%  | 1.347% |
| 39 | 29.781 | 4533 | 4544 | 4563 | rVB5 | 117027 | 601510 | 19.38% | 2.758% |

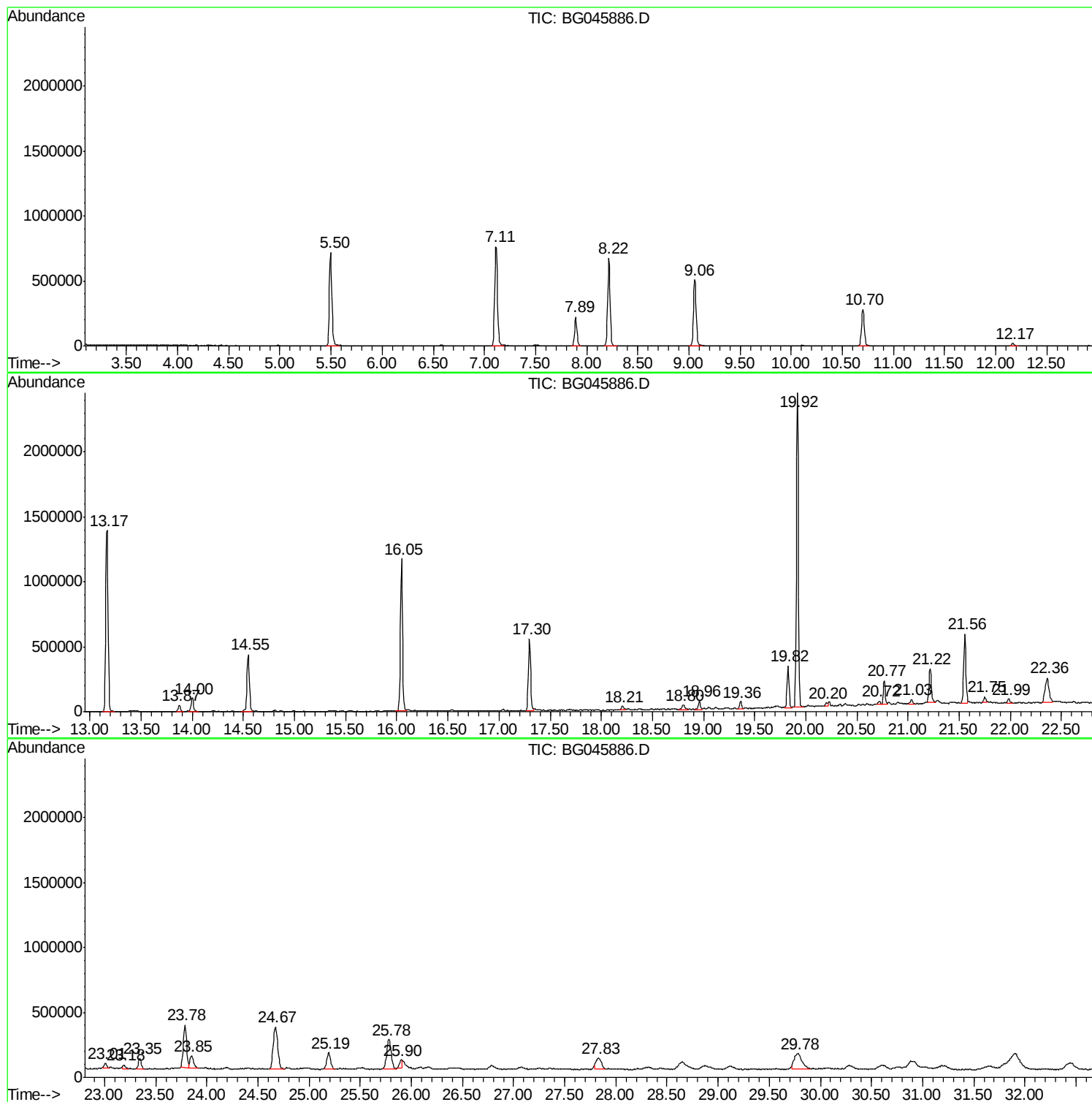
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Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\  
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Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.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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Misc :  
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Instrument :  
BNA\_G  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

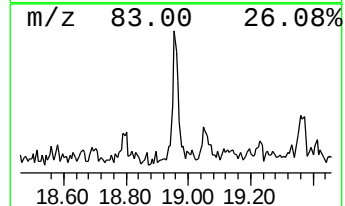
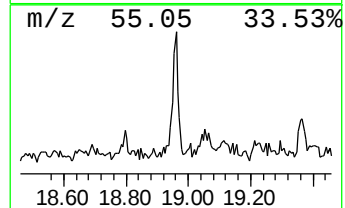
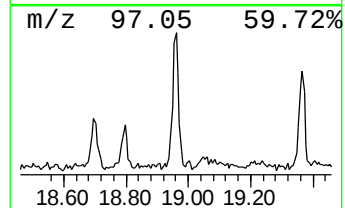
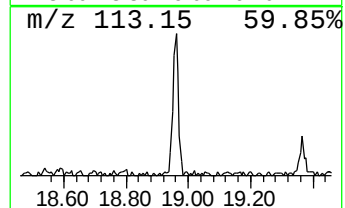
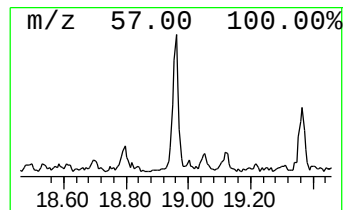
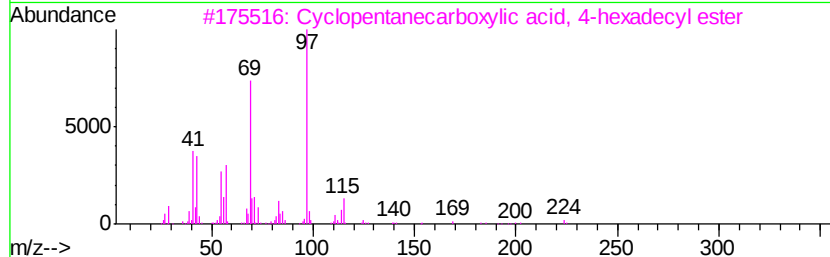
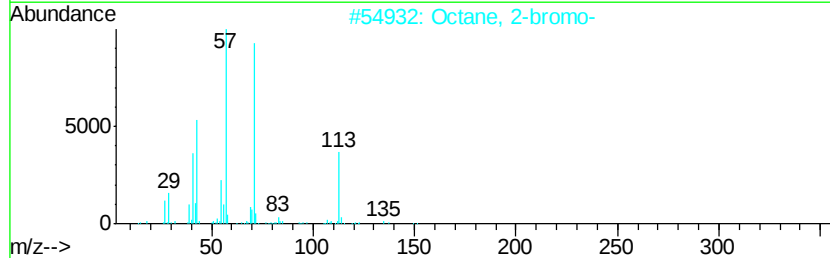
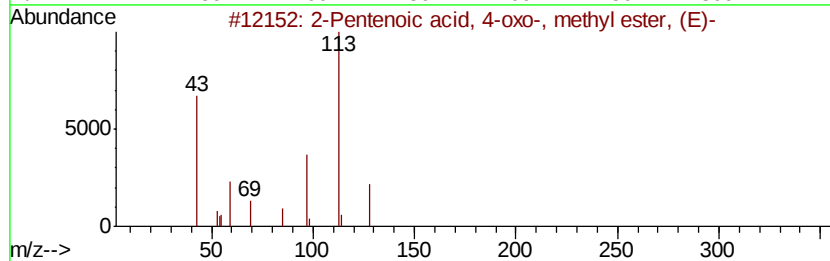
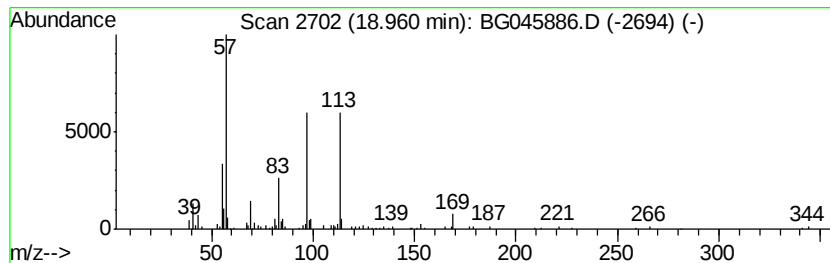
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown18.96 Concentration Rank 14

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 18.96 | 2.42 ng | 101345 | Phenanthrene-d10 | 17.30 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 2-Pentenoic acid, 4-oxo-, methyl... | 128 | C6H8O3    | 002833-24-1  | 47   |
| 2    |    | Octane, 2-bromo-                    | 192 | C8H17Br   | 000557-35-7  | 35   |
| 3    |    | Cyclopentanecarboxylic acid, 4-h... | 338 | C22H42O2  | 1000282-77-5 | 27   |
| 4    |    | Sulfurous acid, cyclohexylmethyl... | 234 | C11H22O3S | 1000309-21-3 | 27   |
| 5    |    | Sulfurous acid, cyclohexylmethyl... | 276 | C14H28O3S | 1000309-21-7 | 25   |



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Instrument :  
BNA\_G  
ClientSampleId :  
SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

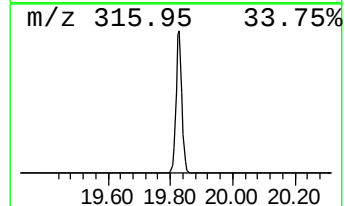
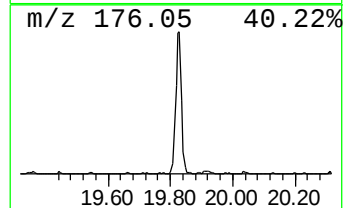
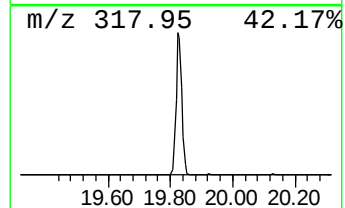
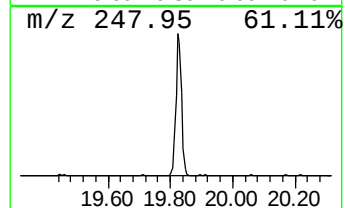
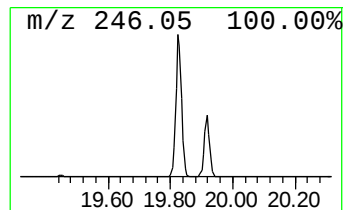
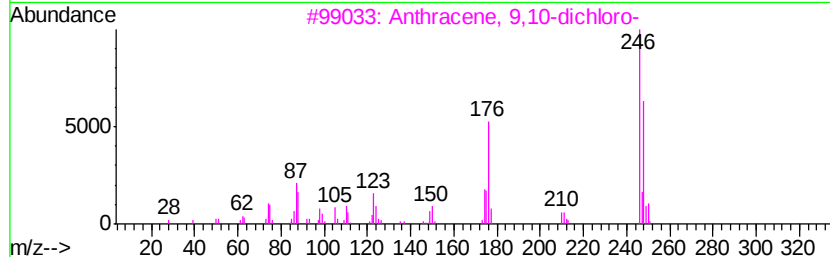
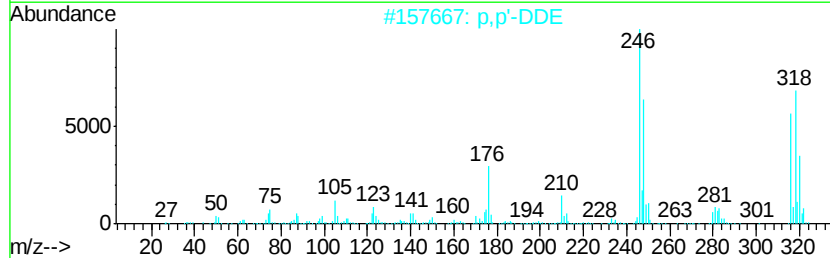
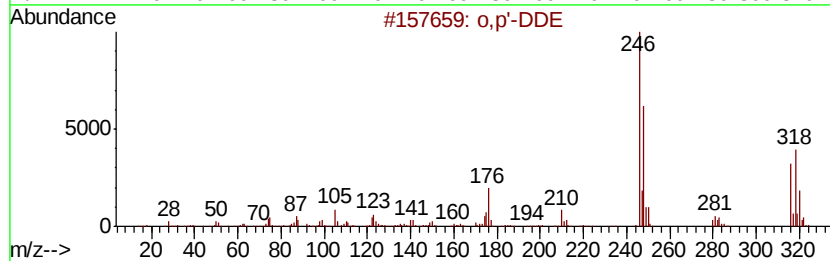
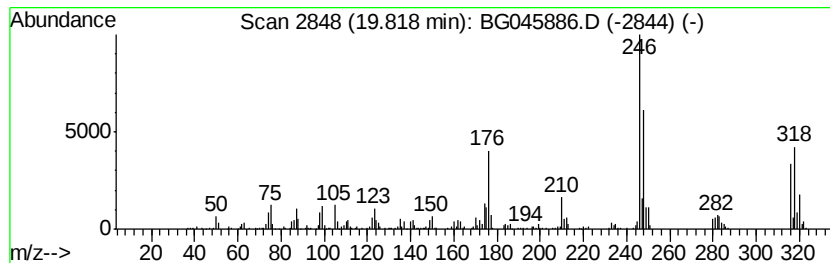
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 o,p'-DDE Concentration Rank 7

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 19.82 | 10.04 ng | 426944 | Chrysene-d12     | 21.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | o,p'-DDE                            | 316 | C14H8Cl4 | 003424-82-6 | 99   |
| 2    |    | p,p'-DDE                            | 316 | C14H8Cl4 | 000072-55-9 | 99   |
| 3    |    | Anthracene, 9,10-dichloro-          | 246 | C14H8Cl2 | 000605-48-1 | 96   |
| 4    |    | 9H-Fluorene, 9-(dichloromethylene)- | 246 | C14H8Cl2 | 000835-17-6 | 93   |
| 5    |    | Anthracene, 1,8-dichloro-           | 246 | C14H8Cl2 | 014381-66-9 | 93   |



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Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

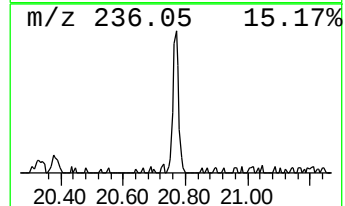
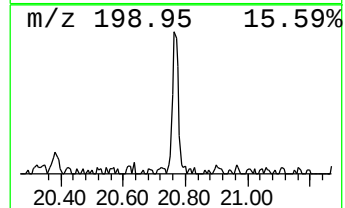
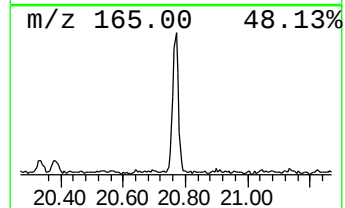
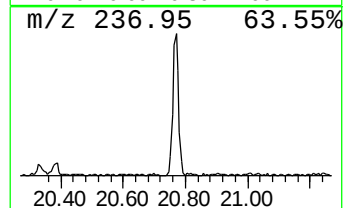
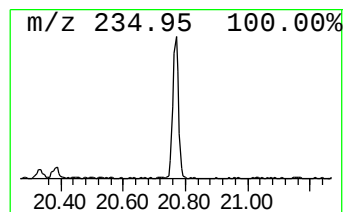
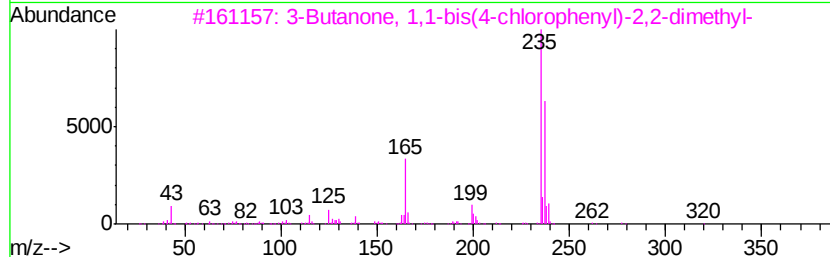
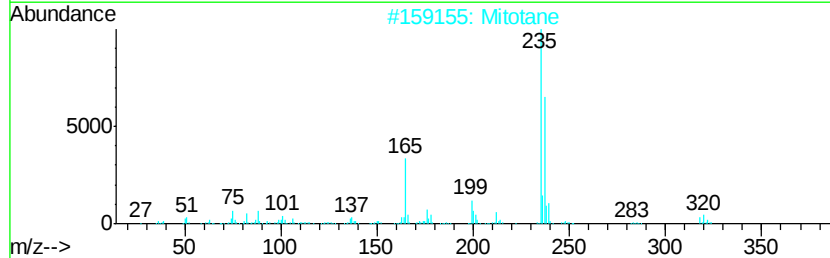
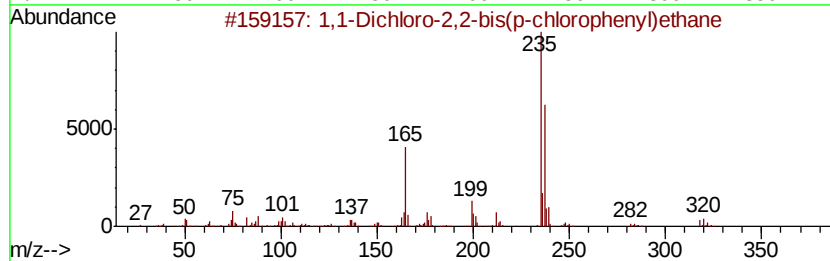
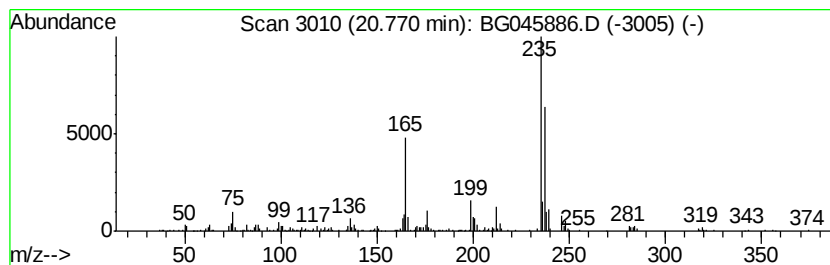
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 1,1-Dichloro-2,2-bis(p-chlo... Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 20.77 | 5.45 ng | 232038 | Chrysene-d12     | 21.56 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | 1,1-Dichloro-2,2-bis(p-chlorophe... | 318 | C14H10Cl4  | 000072-54-8  | 97   |
| 2    |    | Mitotane                            | 318 | C14H10Cl4  | 000053-19-0  | 93   |
| 3    |    | 3-Butanone, 1,1-bis(4-chlorophen... | 320 | C18H18Cl2O | 1000158-20-4 | 93   |
| 4    |    | m,p'-DDD                            | 318 | C14H10Cl4  | 004329-12-8  | 93   |
| 5    |    | p,p'-DDT                            | 352 | C14H9Cl5   | 000050-29-3  | 91   |



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Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

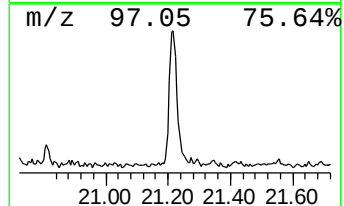
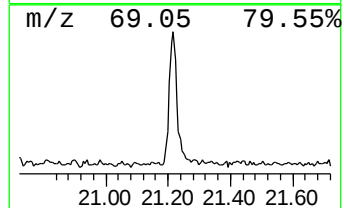
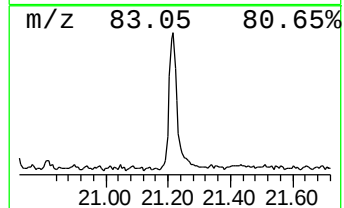
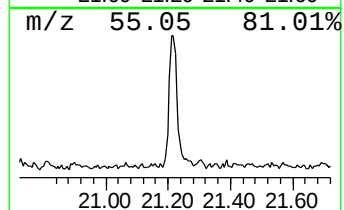
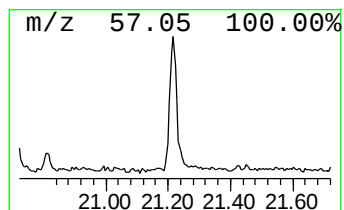
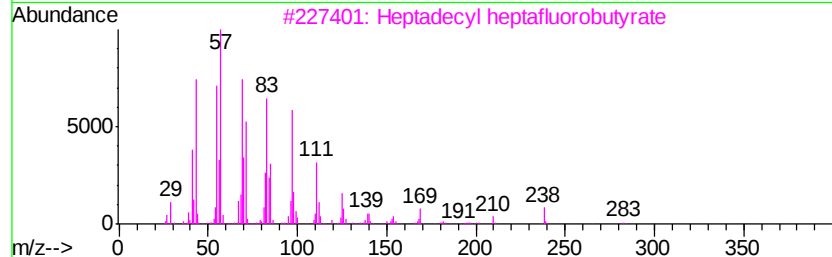
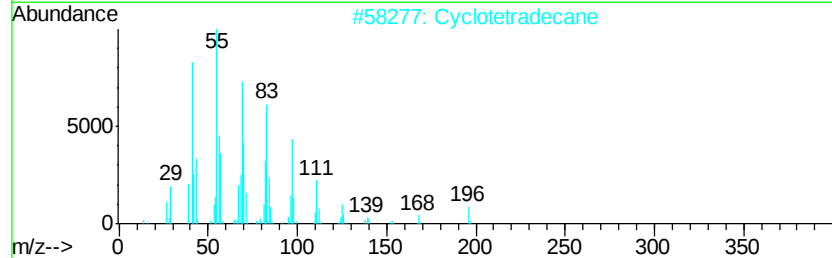
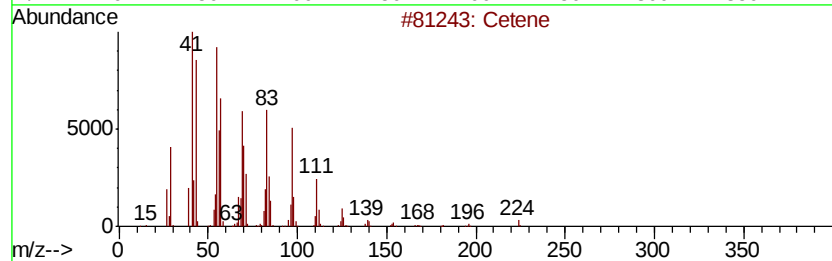
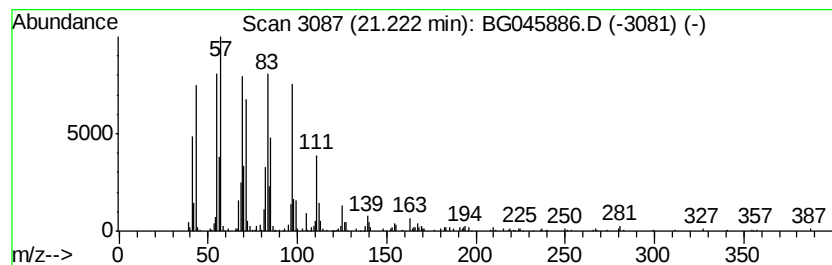
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Cetene Concentration Rank 6

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 21.22 | 10.24 ng | 435382 | Chrysene-d12     | 21.56 |

| Hit# | of | Tentative ID                   | MW  | MolForm    | CAS#         | Qual |
|------|----|--------------------------------|-----|------------|--------------|------|
| 1    | 5  | Cetene                         | 224 | C16H32     | 000629-73-2  | 93   |
| 2    |    | Cyclotetradecane               | 196 | C14H28     | 000295-17-0  | 92   |
| 3    |    | Heptadecyl heptafluorobutvrate | 452 | C21H35F7O2 | 959085-66-6  | 91   |
| 4    |    | n-Tetracosanol-1               | 354 | C24H50O    | 000506-51-4  | 91   |
| 5    |    | Nonadecyl heptafluorobutyrate  | 480 | C23H39F7O2 | 1000351-83-9 | 91   |



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Operator : CG/JU  
Sample : L3153-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

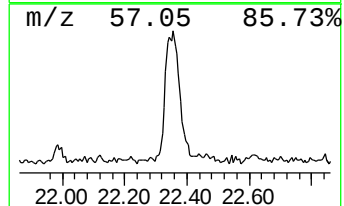
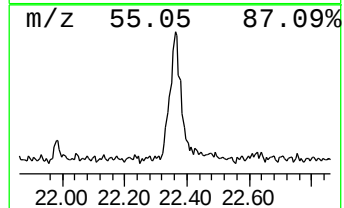
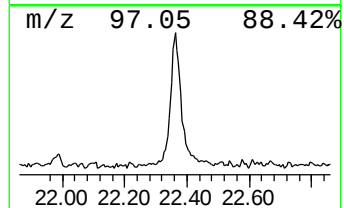
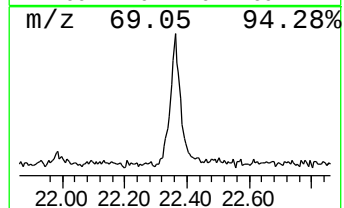
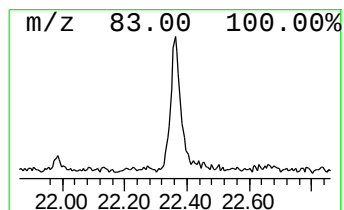
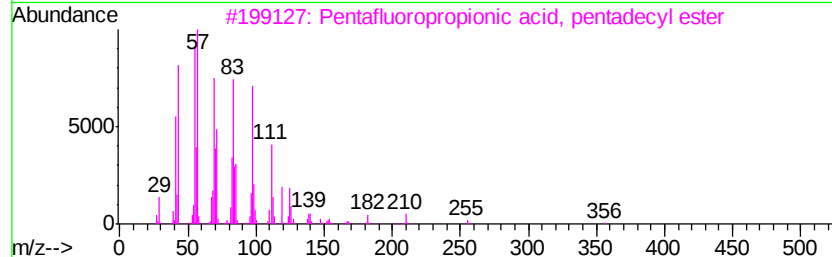
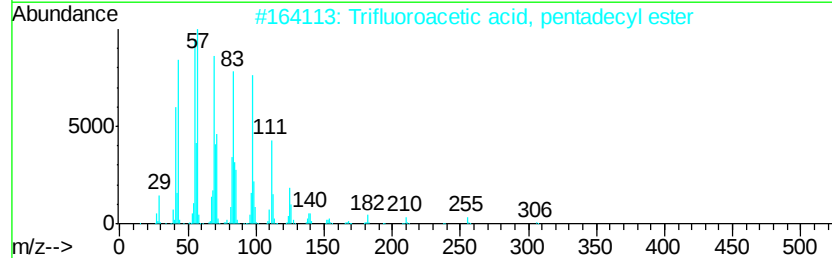
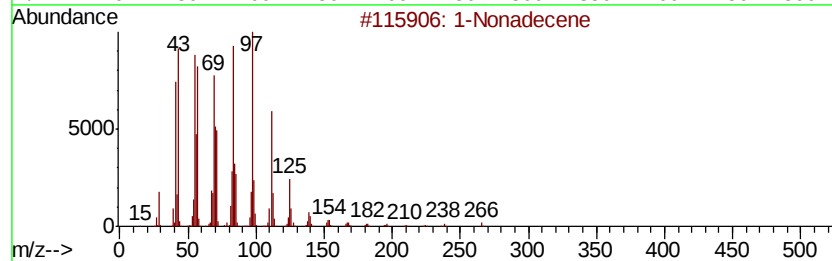
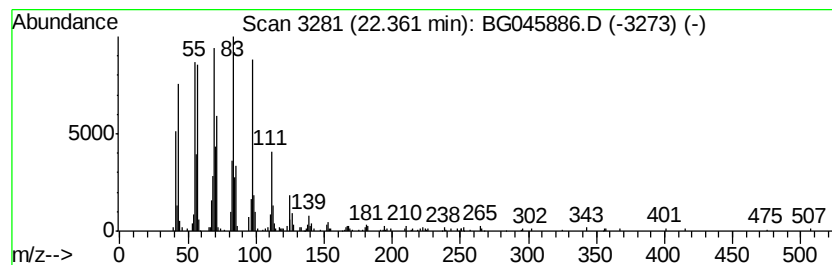
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 1-Nonadecene Concentration Rank 5

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 22.36 | 11.57 ng | 492251 | Chrysene-d12     | 21.56 |

| Hit# of | 5                                   | Tentative ID | MW  | MolForm    | CAS#        | Qual |
|---------|-------------------------------------|--------------|-----|------------|-------------|------|
| 1       | 1-Nonadecene                        |              | 266 | C19H38     | 018435-45-5 | 98   |
| 2       | Trifluoroacetic acid, pentadecyl... |              | 324 | C17H31F3O2 | 959010-23-2 | 94   |
| 3       | Pentafluoropropionic acid, penta... |              | 374 | C18H31F5O2 | 959092-08-1 | 93   |
| 4       | Heptafluorobutyric acid, pentade... |              | 424 | C19H31F7O2 | 959261-23-5 | 93   |
| 5       | Trifluoroacetoxyl hexadecane        |              | 338 | C18H33F3O2 | 006222-03-3 | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\  
Data File : BG045886.D  
Acq On : 30 Jun 2020 16:04  
Operator : CG/JU  
Sample : L3153-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

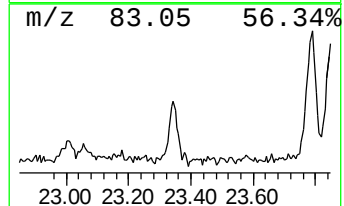
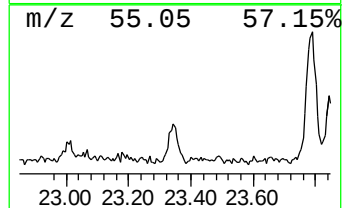
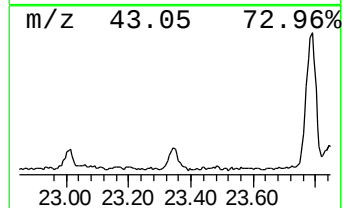
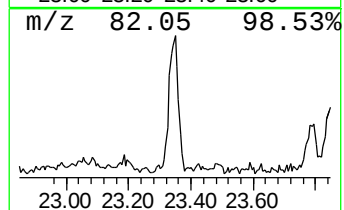
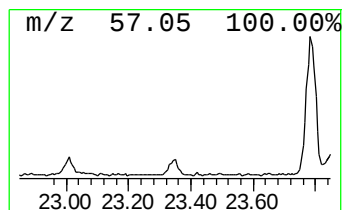
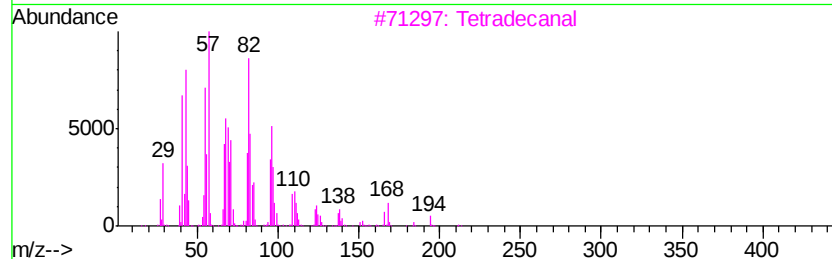
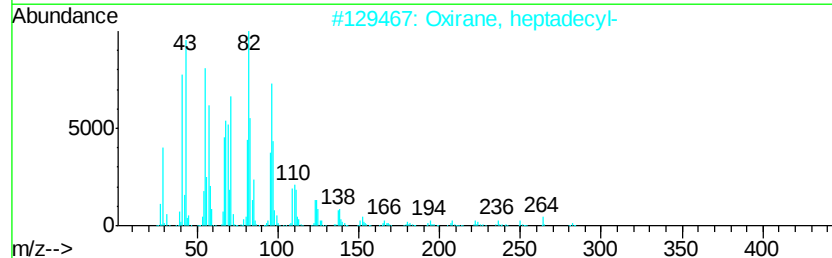
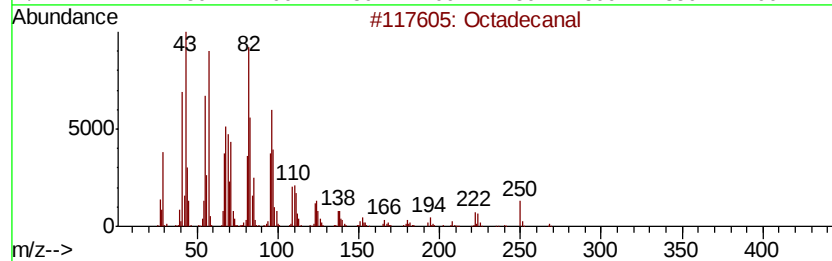
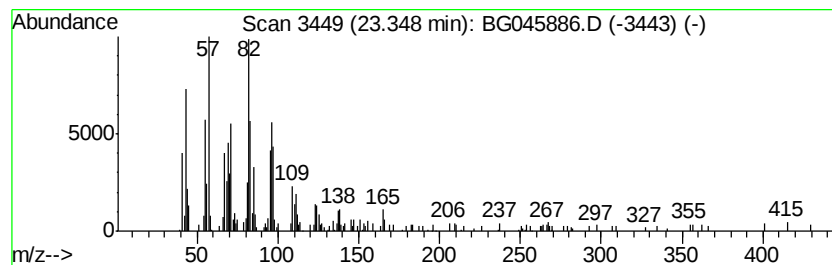
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 Octadecanal Concentration Rank 12

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.35 | 3.56 ng | 171452 | Perylene-d12     | 24.67 |

| Hit# | of | Tentative ID                | MW  | MolForm  | CAS#         | Qual |
|------|----|-----------------------------|-----|----------|--------------|------|
| 1    | 5  | Octadecanal                 | 268 | C18H36O  | 000638-66-4  | 91   |
| 2    |    | Oxirane, heptadecyl-        | 282 | C19H38O  | 067860-04-2  | 89   |
| 3    |    | Tetradecanal                | 212 | C14H28O  | 000124-25-4  | 86   |
| 4    |    | Olevl alcohol, methyl ether | 282 | C19H38O  | 1000352-68-0 | 83   |
| 5    |    | 1,16-Hexadecanediol         | 258 | C16H34O2 | 007735-42-4  | 80   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\  
Data File : BG045886.D  
Acq On : 30 Jun 2020 16:04  
Operator : CG/JU  
Sample : L3153-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SP1-A

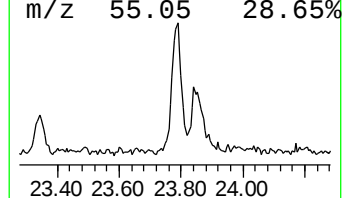
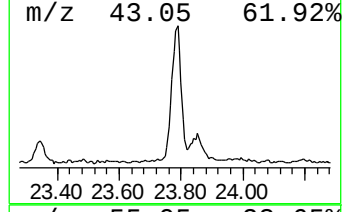
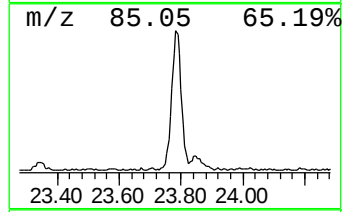
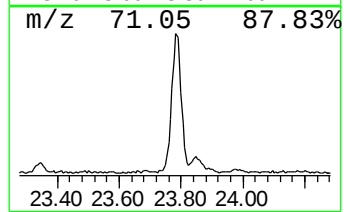
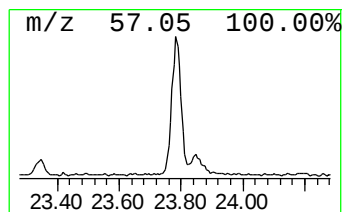
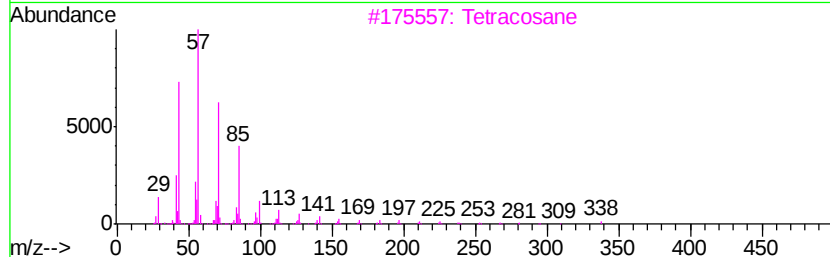
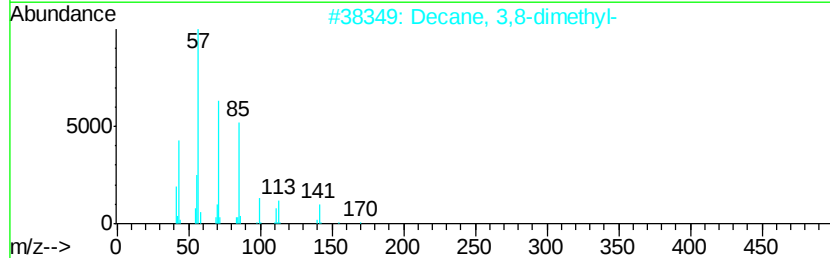
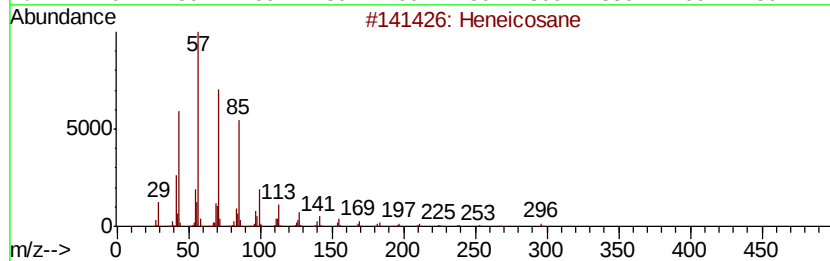
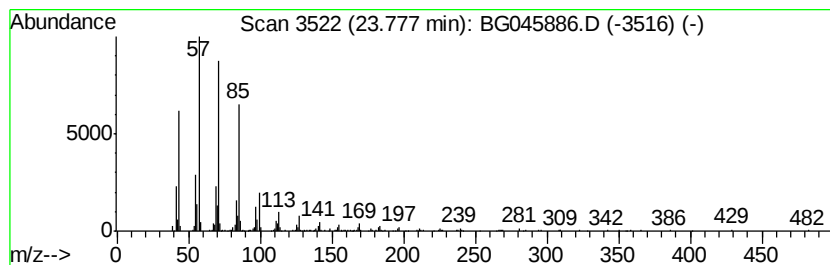
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Heneicosane Concentration Rank 2

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 23.78 | 14.70 ng | 708261 | Perylene-d12     | 24.67 |

| Hit# | of | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------|-----|---------|-------------|------|
| 1    | 5  | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |
| 2    |    | Decane, 3,8-dimethyl- | 170 | C12H26  | 017312-55-9 | 87   |
| 3    |    | Tetracosane           | 338 | C24H50  | 000646-31-1 | 86   |
| 4    |    | Tetradecane           | 198 | C14H30  | 000629-59-4 | 86   |
| 5    |    | Docosane              | 310 | C22H46  | 000629-97-0 | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\  
Data File : BG045886.D  
Acq On : 30 Jun 2020 16:04  
Operator : CG/JU  
Sample : L3153-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

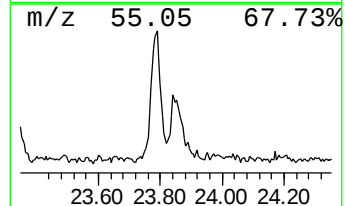
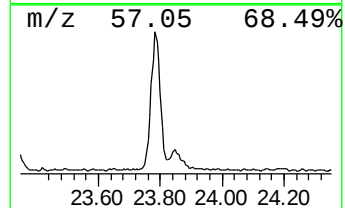
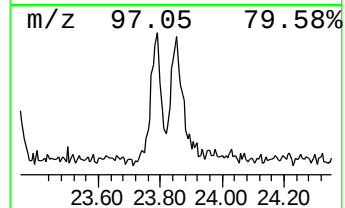
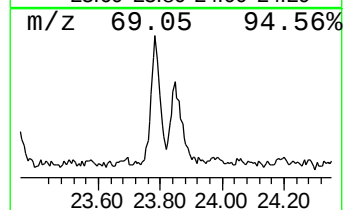
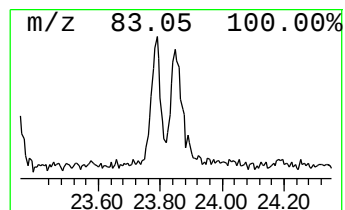
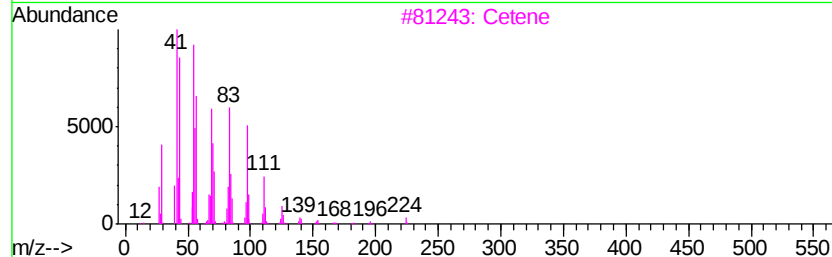
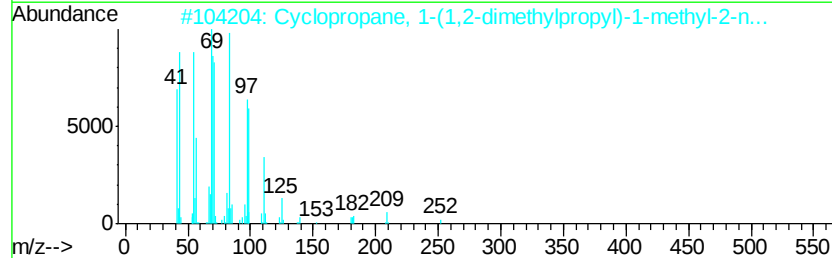
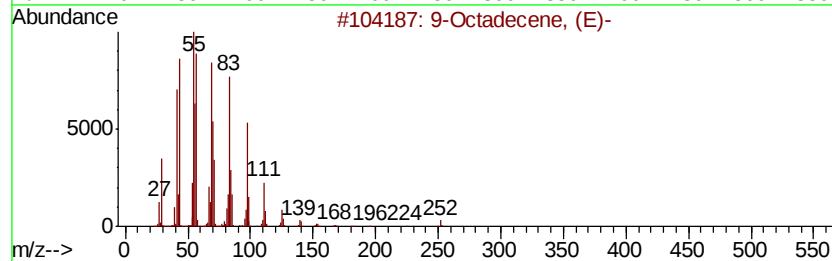
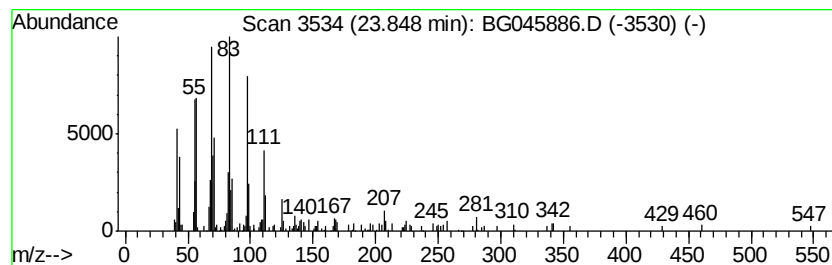
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 9-Octadecene, (E)- Concentration Rank 11

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.85 | 4.80 ng | 231353 | Perylene-d12     | 24.67 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 9-Octadecene, (E)-                  | 252 | C18H36   | 007206-25-9 | 80   |
| 2    |    | Cyclopropane, 1-(1,2-dimethylpro... | 252 | C18H36   | 041977-42-8 | 70   |
| 3    |    | Cetene                              | 224 | C16H32   | 000629-73-2 | 64   |
| 4    |    | Cyclododecane                       | 168 | C12H24   | 000294-62-2 | 58   |
| 5    |    | Thieno[2,3-d]-1,3-thiaselenol-2-... | 238 | C5H2S3Se | 081803-09-0 | 53   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\  
Data File : BG045886.D  
Acq On : 30 Jun 2020 16:04  
Operator : CG/JU  
Sample : L3153-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

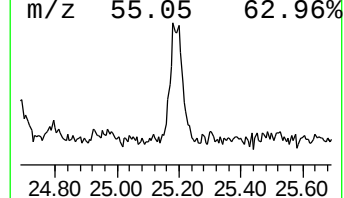
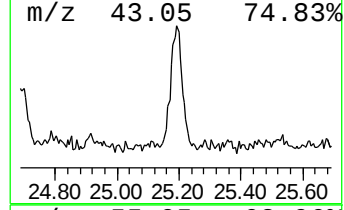
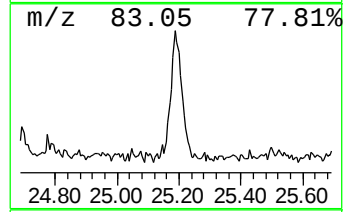
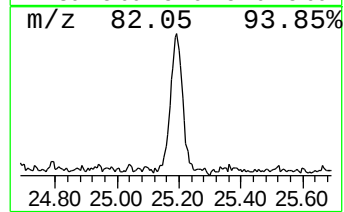
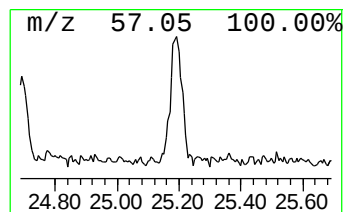
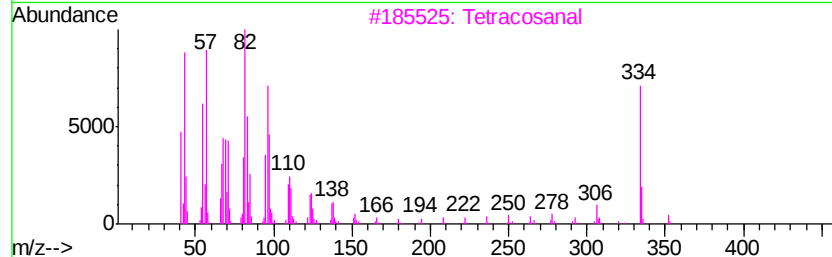
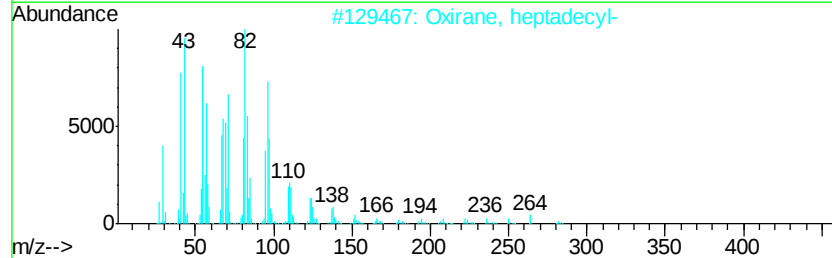
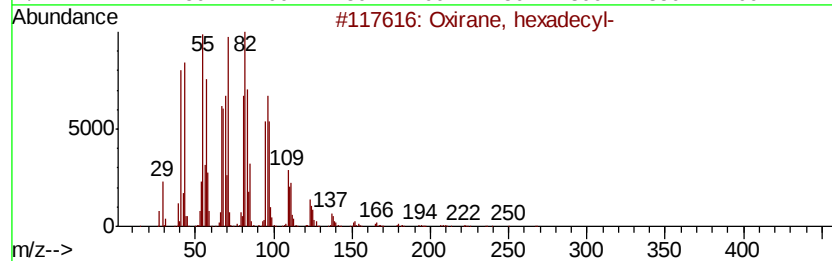
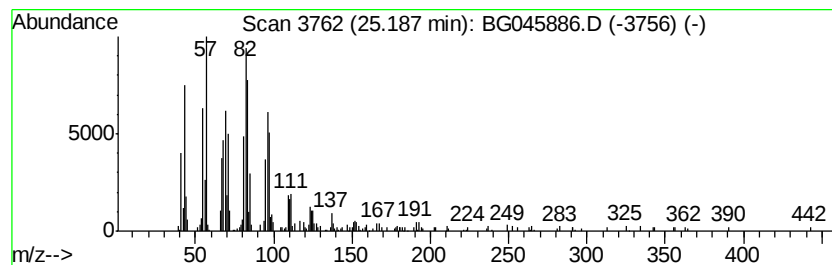
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Oxirane, hexadecyl- Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 25.19 | 6.79 ng | 327113 | Perylene-d12     | 24.67 |

| Hit# of | 5 | Tentative ID         | MW  | MolForm | CAS#         | Qual |
|---------|---|----------------------|-----|---------|--------------|------|
| 1       |   | Oxirane, hexadecyl-  | 268 | C18H36O | 007390-81-0  | 91   |
| 2       |   | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2  | 91   |
| 3       |   | Tetracosanal         | 352 | C24H48O | 057866-08-7  | 91   |
| 4       |   | Heptadecanal         | 254 | C17H34O | 1000376-70-0 | 87   |
| 5       |   | Disparlure           | 282 | C19H38O | 029804-22-6  | 76   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\  
Data File : BG045886.D  
Acq On : 30 Jun 2020 16:04  
Operator : CG/JU  
Sample : L3153-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

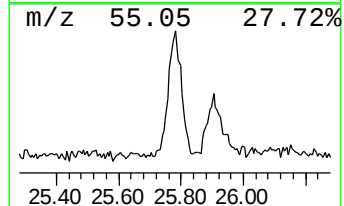
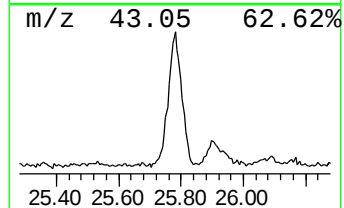
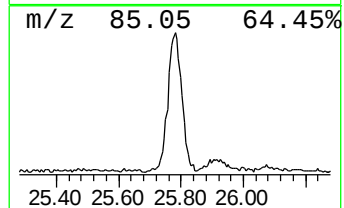
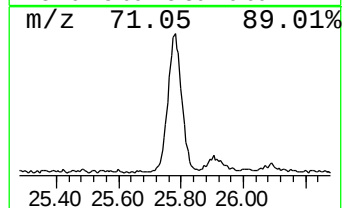
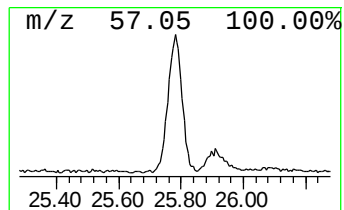
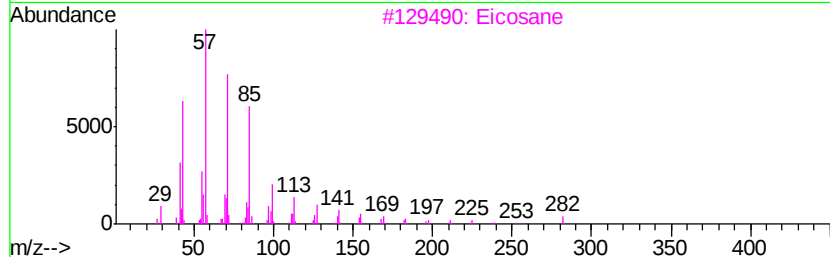
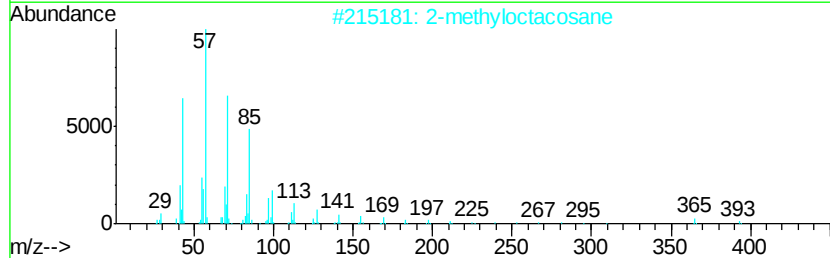
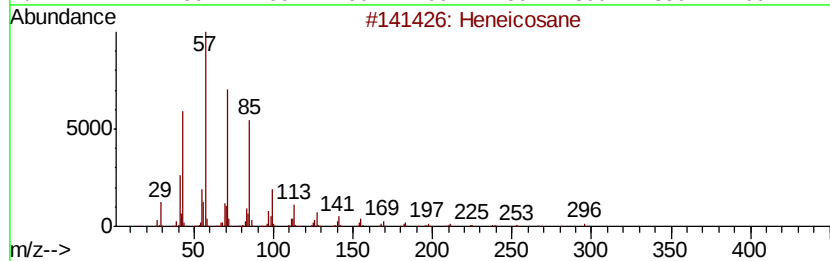
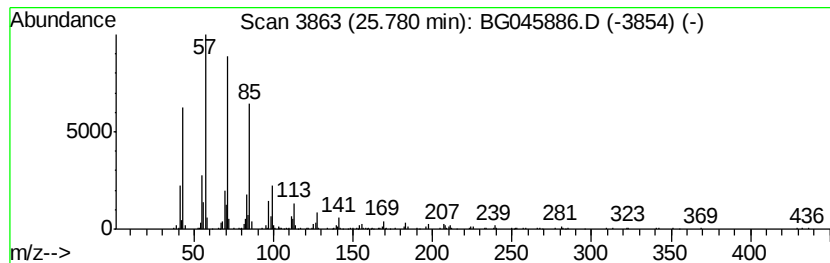
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 11 2-methyloctacosane Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 25.78 | 14.19 ng | 683752 | Perylene-d12     | 24.67 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#         | Qual |
|------|----|--------------------|-----|---------|--------------|------|
| 1    | 5  | Heneicosane        | 296 | C21H44  | 000629-94-7  | 91   |
| 2    |    | 2-methyloctacosane | 408 | C29H60  | 1000376-72-8 | 91   |
| 3    |    | Eicosane           | 282 | C20H42  | 000112-95-8  | 91   |
| 4    |    | Triacontane        | 422 | C30H62  | 000638-68-6  | 91   |
| 5    |    | Heptacosane        | 380 | C27H56  | 000593-49-7  | 91   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\  
Data File : BG045886.D  
Acq On : 30 Jun 2020 16:04  
Operator : CG/JU  
Sample : L3153-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

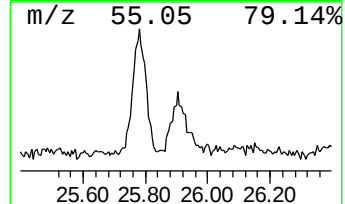
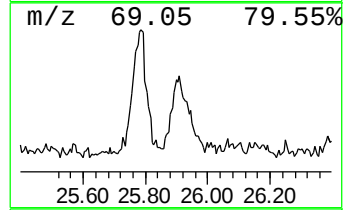
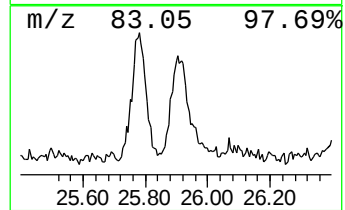
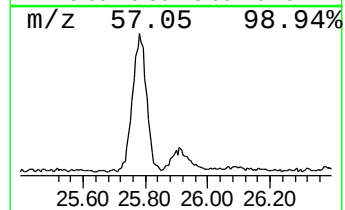
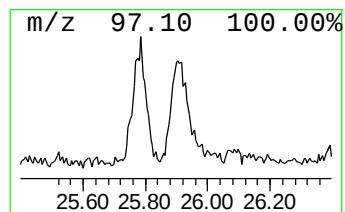
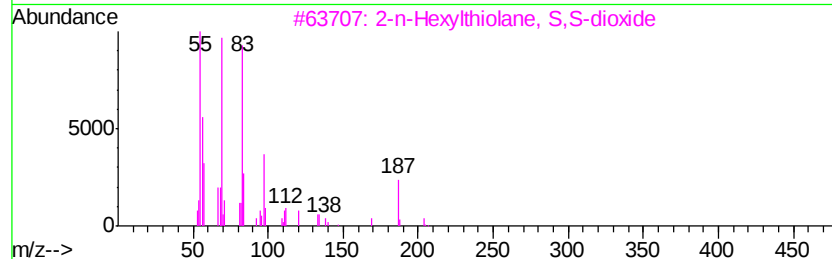
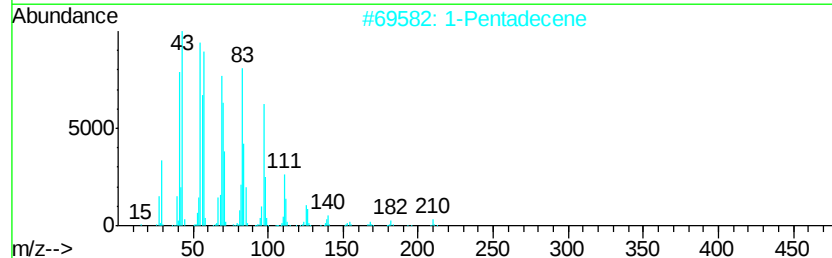
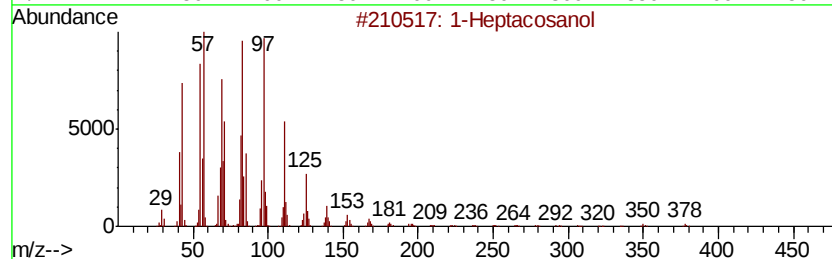
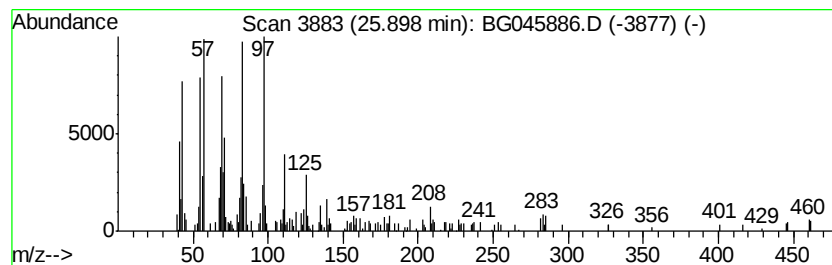
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 1-Heptacosanol Concentration Rank 13

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 25.90 | 2.49 ng | 119843 | Perylene-d12     | 24.67 |

| Hit# of | 5                               | Tentative ID | MW  | MolForm    | CAS#         | Qual |
|---------|---------------------------------|--------------|-----|------------|--------------|------|
| 1       | 1-Heptacosanol                  |              | 396 | C27H56O    | 002004-39-9  | 91   |
| 2       | 1-Pentadecene                   |              | 210 | C15H30     | 013360-61-7  | 68   |
| 3       | 2-n-Hexylthiolane, S,S-dioxide  |              | 204 | C10H20O2S  | 071053-04-8  | 46   |
| 4       | Olevl alcohol, trifluoroacetate |              | 364 | C20H35F3O2 | 1000352-68-4 | 43   |
| 5       | Triacetyl acetate               |              | 480 | C32H64O2   | 041755-58-2  | 43   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\  
Data File : BG045886.D  
Acq On : 30 Jun 2020 16:04  
Operator : CG/JU  
Sample : L3153-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

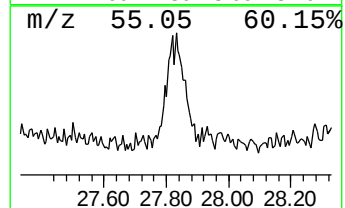
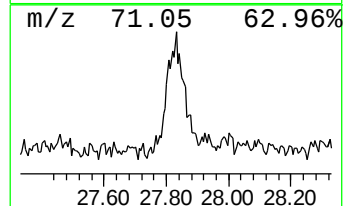
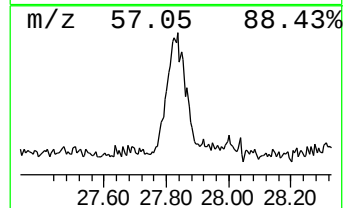
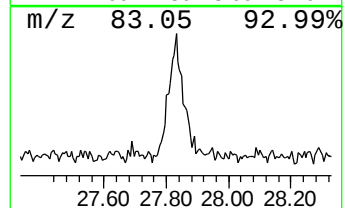
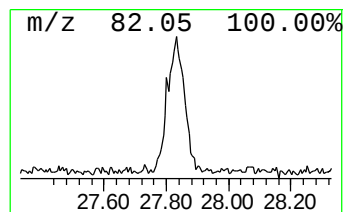
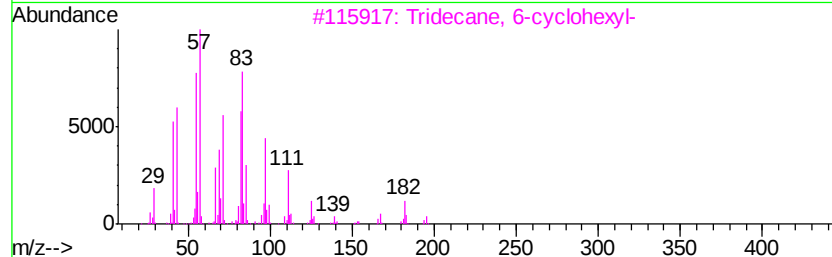
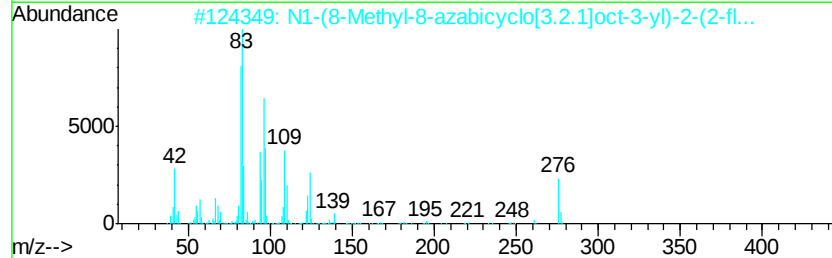
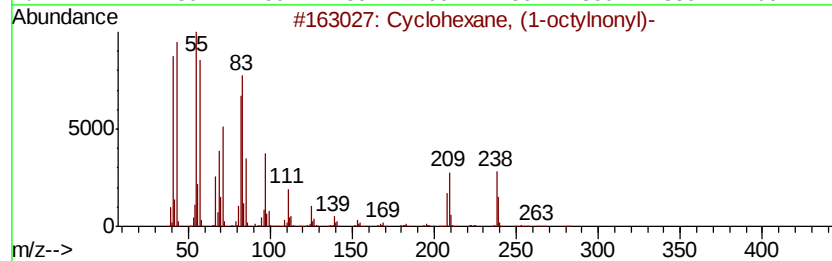
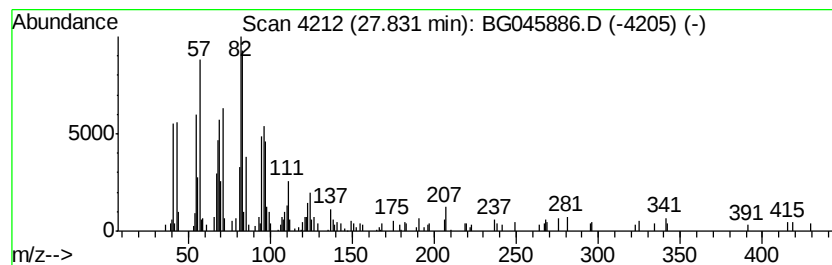
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 Cyclohexane, (1-octylnonyl)- Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 27.83 | 6.10 ng | 293934 | Perylene-d12     | 24.67 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|-------------------------------------|-----|------------|-------------|------|
| 1    | 5  | Cyclohexane, (1-octylnonyl)-        | 322 | C23H46     | 055124-77-1 | 52   |
| 2    |    | N1-(8-Methyl-8-azabicyclo[3.2.1]... | 276 | C16H21FN2O | 247565-70-4 | 49   |
| 3    |    | Tridecane, 6-cyclohexyl-            | 266 | C19H38     | 013151-91-2 | 49   |
| 4    |    | Tridecane, 5-cyclohexyl-            | 266 | C19H38     | 013151-90-1 | 46   |
| 5    |    | Undecane, 5-cyclohexyl-             | 238 | C17H34     | 013151-80-9 | 43   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG063020\  
Data File : BG045886.D  
Acq On : 30 Jun 2020 16:04  
Operator : CG/JU  
Sample : L3153-01  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

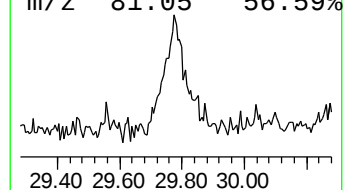
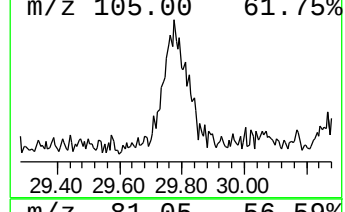
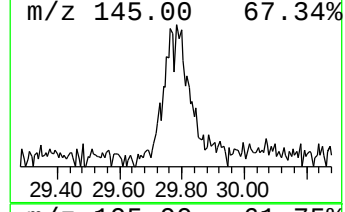
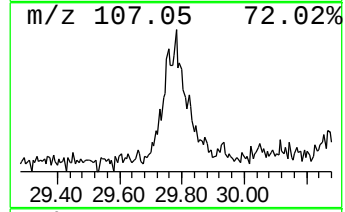
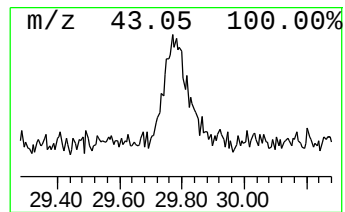
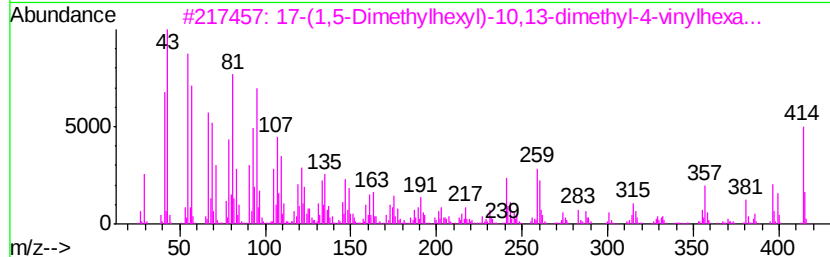
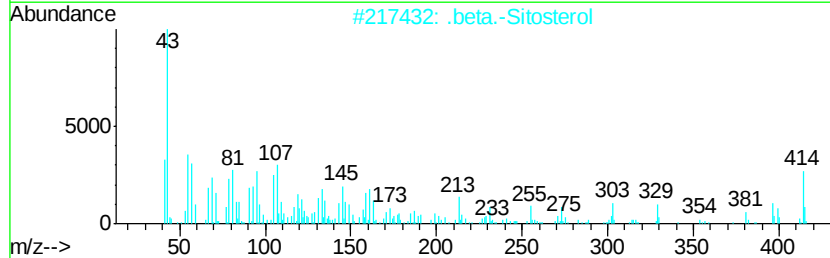
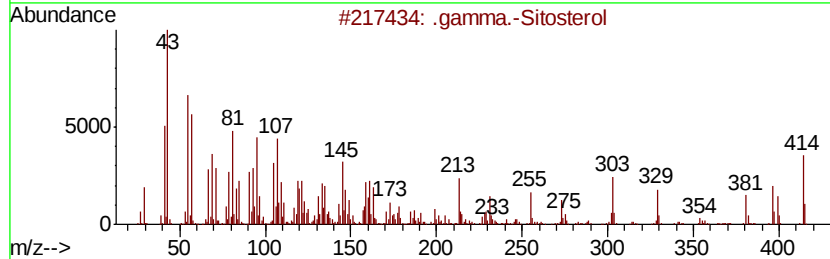
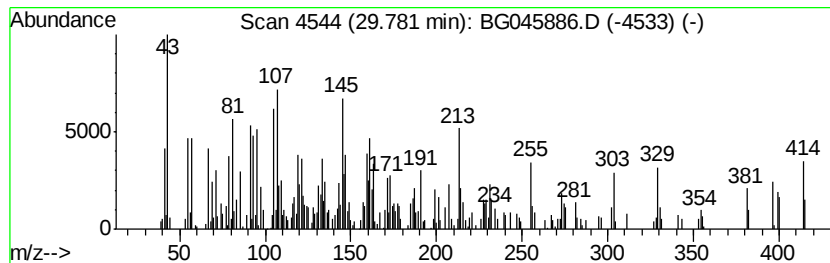
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 .gamma.-Sitosterol Concentration Rank 4

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 29.78 | 12.49 ng | 601510 | Perylene-d12     | 24.67 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | .gamma.-Sitosterol                  | 414 | C29H50O   | 000083-47-6  | 93   |
| 2    |    | .beta.-Sitosterol                   | 414 | C29H50O   | 000083-46-5  | 89   |
| 3    |    | 17-(1,5-Dimethylhexyl)-10,13-dim... | 414 | C29H50O   | 1000210-86-9 | 46   |
| 4    |    | Pyridine-2-carboxylic acid, (2-a... | 213 | C12H11N3O | 1000317-79-6 | 15   |
| 5    |    | Cholest-7-en-3-ol, 4,4-dimethyl-... | 414 | C29H50O   | 006384-28-7  | 14   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG063020\  
 Data File : BG045886.D  
 Acq On : 30 Jun 2020 16:04  
 Operator : CG/JU  
 Sample : L3153-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SP1-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061520.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 |
| unknown18.96         | 18.96 | 2.4     | ng    | 101345   | 4                     | 17.30 | 836449 | 20.0 |
| o,p'-DDE             | 19.82 | 10.0    | ng    | 426944   | 5                     | 21.56 | 850770 | 20.0 |
| 1,1-Dichloro-2,2-... | 20.77 | 5.5     | ng    | 232038   | 5                     | 21.56 | 850770 | 20.0 |
| Cetene               | 21.22 | 10.2    | ng    | 435382   | 5                     | 21.56 | 850770 | 20.0 |
| 1-Nonadecene         | 22.36 | 11.6    | ng    | 492251   | 5                     | 21.56 | 850770 | 20.0 |
| Octadecanal          | 23.35 | 3.6     | ng    | 171452   | 6                     | 24.67 | 963528 | 20.0 |
| Heneicosane          | 23.78 | 14.7    | ng    | 708261   | 6                     | 24.67 | 963528 | 20.0 |
| 9-Octadecene, (E)-   | 23.85 | 4.8     | ng    | 231353   | 6                     | 24.67 | 963528 | 20.0 |
| Oxirane, hexadecyl-  | 25.19 | 6.8     | ng    | 327113   | 6                     | 24.67 | 963528 | 20.0 |
| 2-methyloctacosane   | 25.78 | 14.2    | ng    | 683752   | 6                     | 24.67 | 963528 | 20.0 |
| 1-Heptacosanol       | 25.90 | 2.5     | ng    | 119843   | 6                     | 24.67 | 963528 | 20.0 |
| Cyclohexane, (1-o... | 27.83 | 6.1     | ng    | 293934   | 6                     | 24.67 | 963528 | 20.0 |
| .gamma.-Sitosterol   | 29.78 | 12.5    | ng    | 601510   | 6                     | 24.67 | 963528 | 20.0 |