

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\  
 Data File : BG035669.D  
 Acq On : 16 Jul 2018 14:41  
 Operator : JU/SJ  
 Sample : J3964-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 N48967

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-BG071218.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         | 5.168       | 315           | 320         | 330          | rVB      | 77802          | 122231        | 2.19%           | 0.442%        |
| 2         | 5.638       | 394           | 400         | 409          | rBV      | 736245         | 1213892       | 21.79%          | 4.386%        |
| 3         | 7.225       | 663           | 670         | 683          | rBV      | 541449         | 969781        | 17.41%          | 3.504%        |
| 4         | 7.595       | 725           | 733         | 740          | rBV      | 1228244        | 2110388       | 37.89%          | 7.625%        |
| 5         | 8.059       | 804           | 812         | 817          | rBV      | 193364         | 333781        | 5.99%           | 1.206%        |
| 6         | 8.382       | 859           | 867         | 875          | rBV      | 999824         | 1699639       | 30.51%          | 6.141%        |
| 7         | 9.222       | 1002          | 1010        | 1023         | rVB      | 883722         | 1586590       | 28.48%          | 5.733%        |
| 8         | 10.079      | 1149          | 1156        | 1165         | rBV2     | 39912          | 93657         | 1.68%           | 0.338%        |
| 9         | 10.861      | 1281          | 1289        | 1294         | rBV      | 265513         | 498498        | 8.95%           | 1.801%        |
| 10        | 11.507      | 1393          | 1399        | 1406         | rBV3     | 105971         | 186758        | 3.35%           | 0.675%        |
| 11        | 13.305      | 1696          | 1705        | 1712         | rBV      | 2402453        | 3809430       | 68.39%          | 13.765%       |
| 12        | 14.121      | 1838          | 1844        | 1854         | rBV2     | 125767         | 208326        | 3.74%           | 0.753%        |
| 13        | 14.385      | 1884          | 1889        | 1894         | rBV      | 59911          | 96649         | 1.74%           | 0.349%        |
| 14        | 14.479      | 1901          | 1905        | 1917         | rVB      | 42919          | 79225         | 1.42%           | 0.286%        |
| 15        | 14.679      | 1930          | 1939        | 1945         | rBV2     | 420147         | 714391        | 12.83%          | 2.581%        |
| 16        | 16.165      | 2185          | 2192        | 2201         | rBV      | 1993814        | 3076134       | 55.22%          | 11.115%       |
| 17        | 16.353      | 2219          | 2224        | 2231         | rVB3     | 58799          | 106554        | 1.91%           | 0.385%        |
| 18        | 16.718      | 2281          | 2286        | 2292         | rBV3     | 40601          | 60586         | 1.09%           | 0.219%        |
| 19        | 16.958      | 2323          | 2327        | 2333         | rVB      | 65438          | 99121         | 1.78%           | 0.358%        |
| 20        | 17.417      | 2400          | 2405        | 2412         | rVB      | 572089         | 882232        | 15.84%          | 3.188%        |
| 21        | 17.693      | 2448          | 2452        | 2457         | rVB      | 54115          | 70962         | 1.27%           | 0.256%        |
| 22        | 18.304      | 2552          | 2556        | 2565         | rBV2     | 101490         | 155851        | 2.80%           | 0.563%        |
| 23        | 18.656      | 2609          | 2616        | 2625         | rVV      | 726391         | 1239500       | 22.25%          | 4.479%        |
| 24        | 20.025      | 2843          | 2849        | 2858         | rVB      | 4053816        | 5570189       | 100.00%         | 20.127%       |
| 25        | 21.329      | 3067          | 3071        | 3081         | rVB3     | 89759          | 156227        | 2.80%           | 0.564%        |
| 26        | 21.687      | 3126          | 3132        | 3139         | rVB      | 651373         | 1030467       | 18.50%          | 3.723%        |
| 27        | 22.545      | 3274          | 3278        | 3283         | rVB3     | 44492          | 73251         | 1.32%           | 0.265%        |
| 28        | 22.950      | 3339          | 3347        | 3353         | rBV6     | 84247          | 276370        | 4.96%           | 0.999%        |
| 29        | 24.912      | 3670          | 3681        | 3690         | rVB2     | 356446         | 1036690       | 18.61%          | 3.746%        |
| 30        | 25.629      | 3796          | 3803        | 3807         | rBV8     | 46175          | 118173        | 2.12%           | 0.427%        |

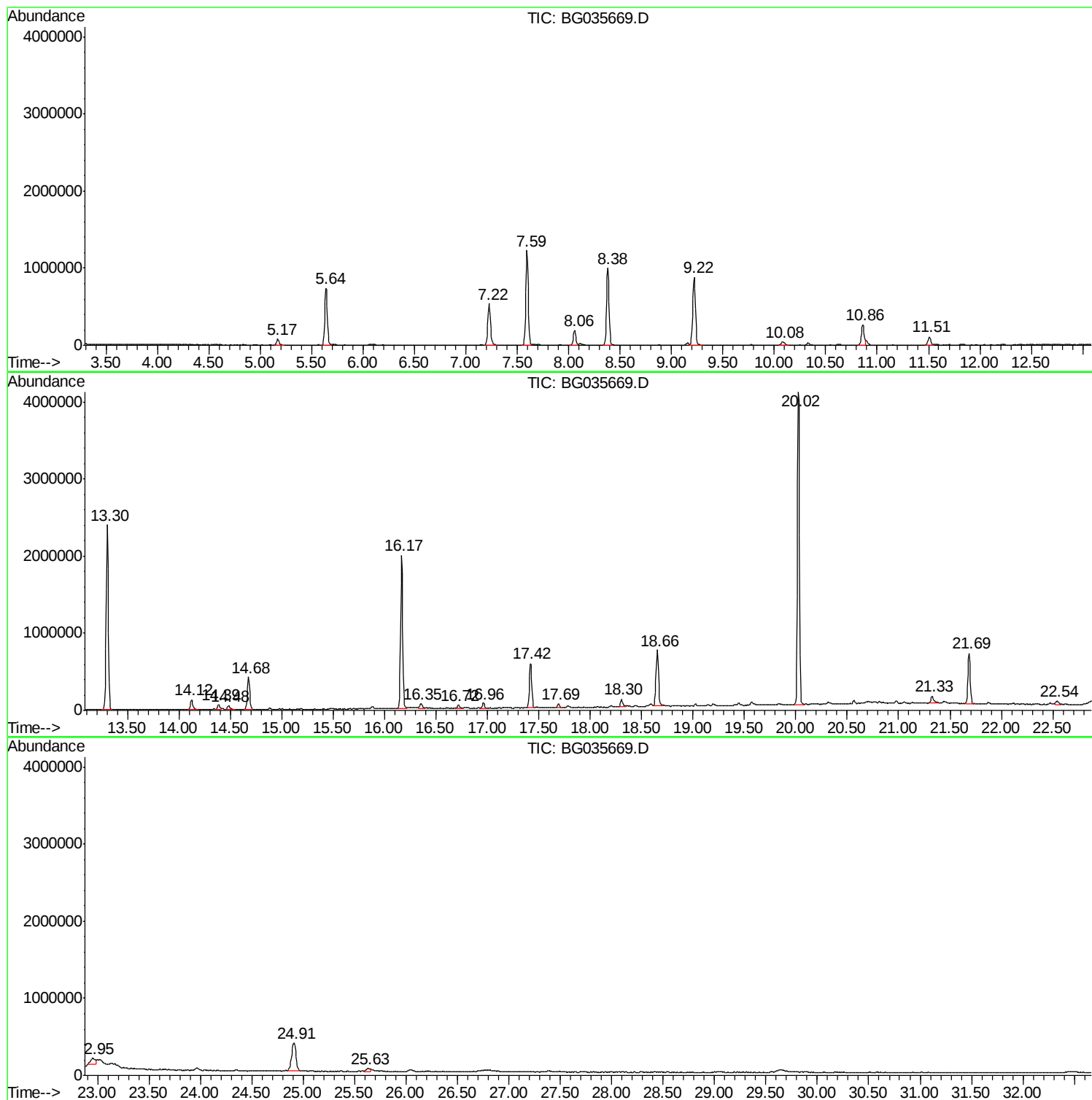
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BNA\_G  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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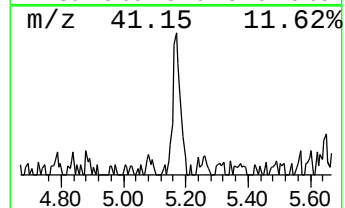
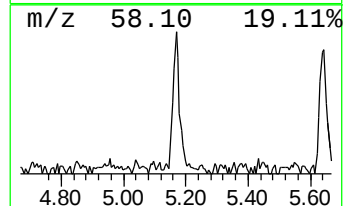
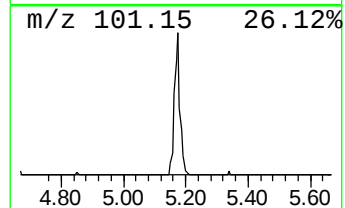
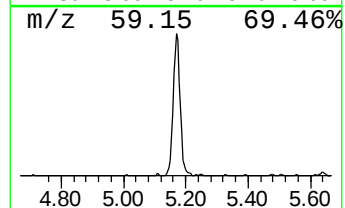
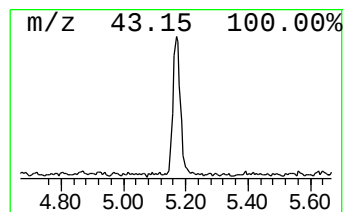
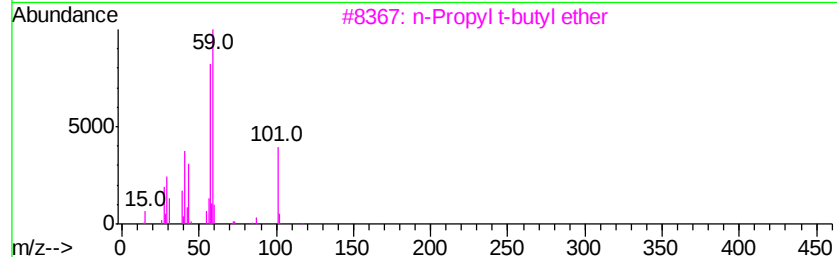
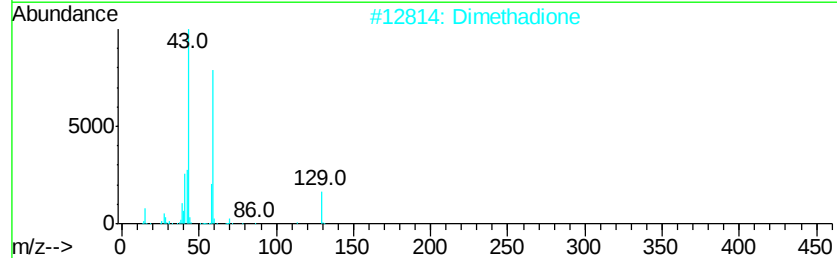
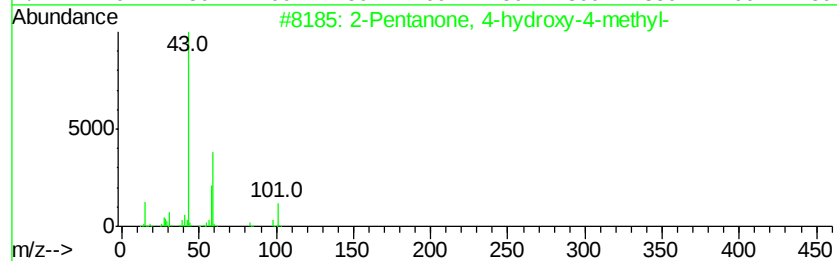
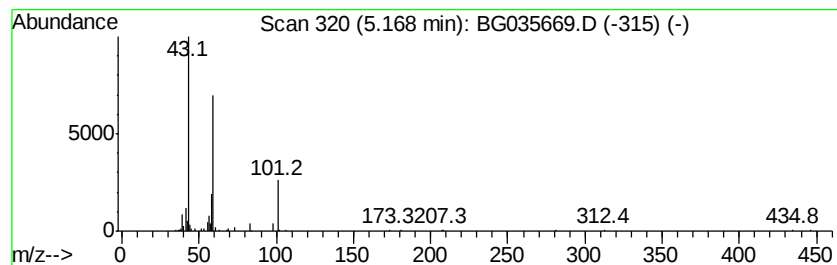
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 5.17 | 7.32 ng | 122231 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#         | Qual |
|------|----|---|----------------------------------|-----|---------|--------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2  | 38   |
| 2    |    |   | Dimethadione                     | 129 | C5H7NO3 | 000695-53-4  | 33   |
| 3    |    |   | n-Propyl t-butyl ether           | 116 | C7H16O  | 1000334-81-9 | 25   |
| 4    |    |   | 3-Hexanol, 4-ethyl-              | 130 | C8H18O  | 019780-44-0  | 25   |
| 5    |    |   | 1,3-Dioxane, 4,4-dimethyl-       | 116 | C6H12O2 | 000766-15-4  | 25   |



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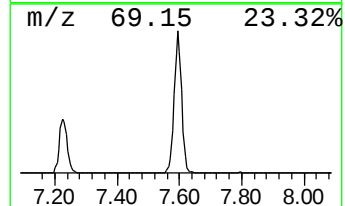
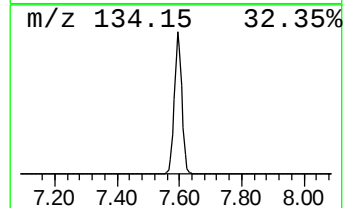
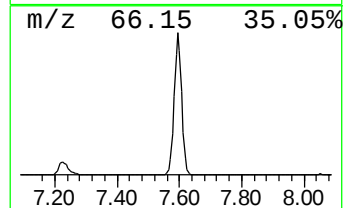
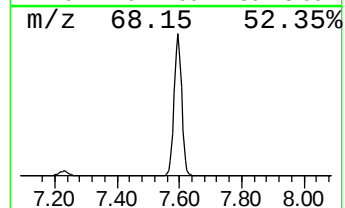
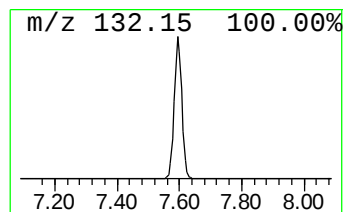
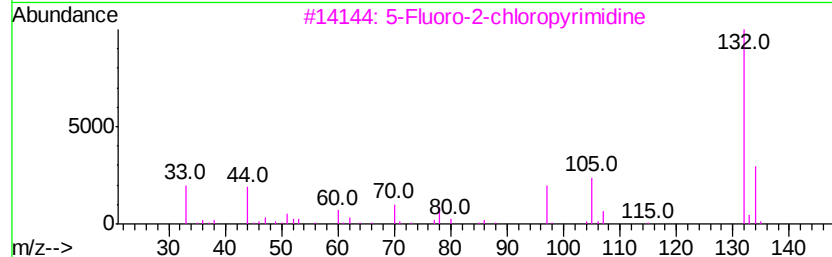
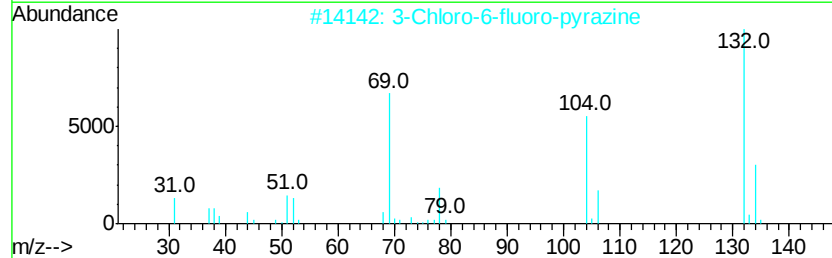
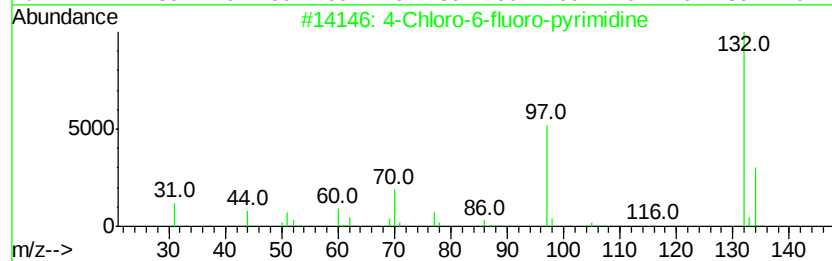
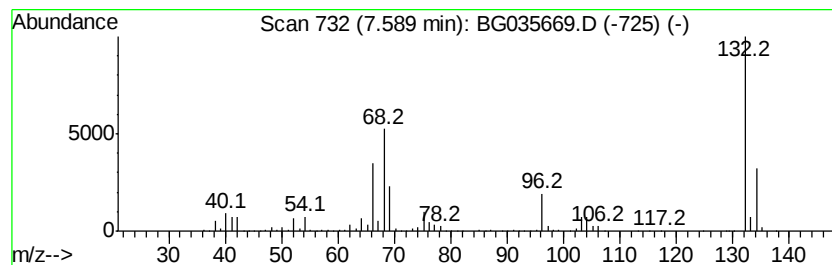
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 unknown7.59 Concentration Rank 1

| R.T. | EstConc   | Area    | Relative to ISTD       | R.T. |
|------|-----------|---------|------------------------|------|
| 7.59 | 126.45 ng | 2110390 | 1,4-Dichlorobenzene-d4 | 8.06 |

| Hit# | of | Tentative ID                 | MW  | MolForm   | CAS#         | Qual |
|------|----|------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 4-Chloro-6-fluoro-pyrimidine | 132 | C4H2ClFN2 | 051422-01-6  | 27   |
| 2    |    | 3-Chloro-6-fluoro-pyrazine   | 132 | C4H2ClFN2 | 1000146-10-7 | 16   |
| 3    |    | 5-Fluoro-2-chloropyrimidine  | 132 | C4H2ClFN2 | 062802-42-0  | 12   |
| 4    |    | Cyclopropanamine, 1-phenyl-  | 133 | C9H11N    | 1000351-26-2 | 10   |
| 5    |    | Tranylcypromine-propionyl    | 189 | C12H15NO  | 1000123-86-3 | 10   |



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Instrument :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

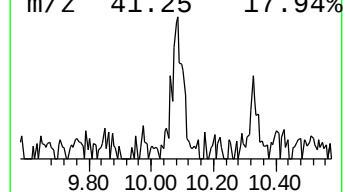
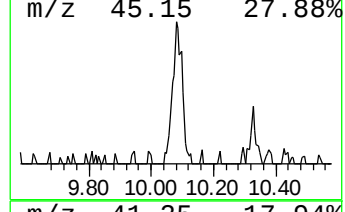
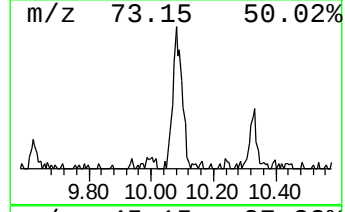
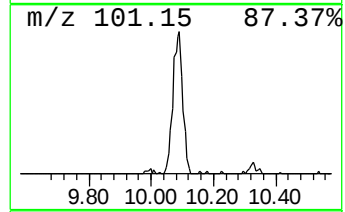
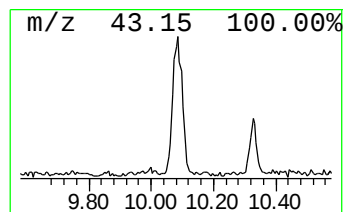
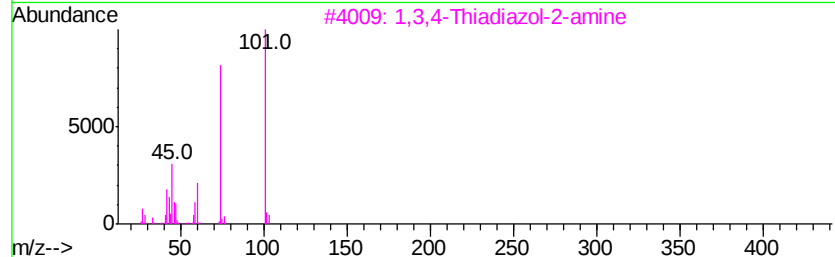
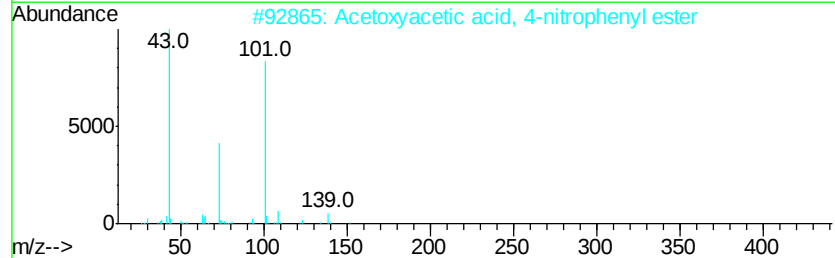
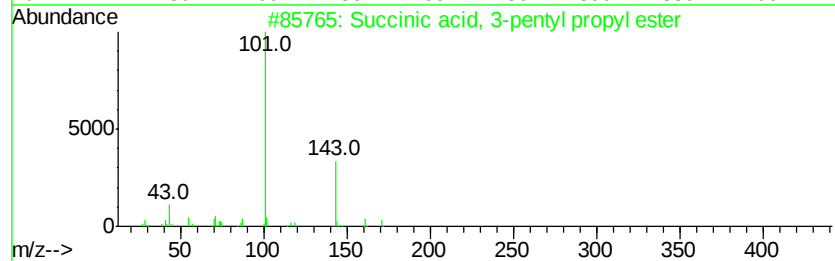
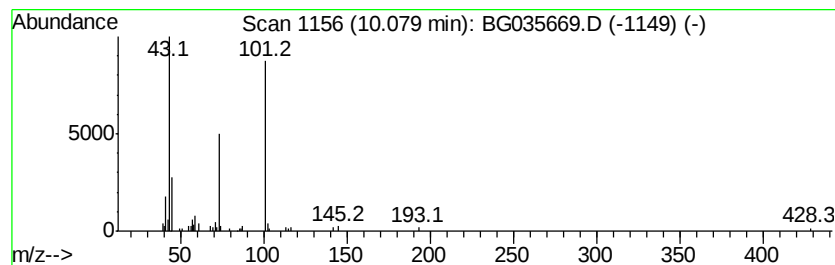
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 unknown10.08 Concentration Rank 7

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 10.08 | 3.76 ng | 93657 | Napthalene-d8    | 10.86 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | Succinic acid, 3-pentyl propyl e... | 230 | C12H22O4 | 1000324-94-9 | 47   |
| 2    |    | Acetoxycetic acid, 4-nitropheny...  | 239 | C10H9NO6 | 1000307-54-5 | 45   |
| 3    |    | 1,3,4-Thiadiazol-2-amine            | 101 | C2H3N3S  | 004005-51-0  | 42   |
| 4    |    | 2,3,4-Trimethyl-d-xvlose            | 192 | C8H16O5  | 1000130-00-4 | 39   |
| 5    |    | D-Xylose, 3,4,5-tri-O-methyl-       | 192 | C8H16O5  | 069502-90-5  | 39   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

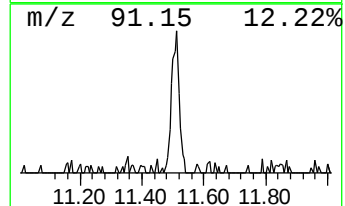
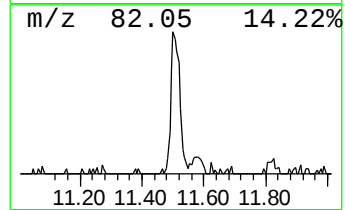
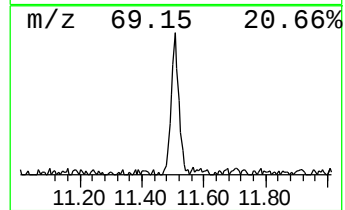
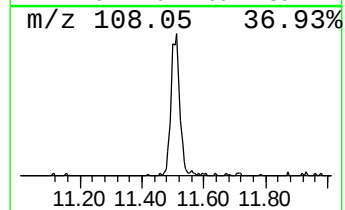
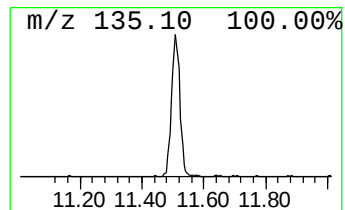
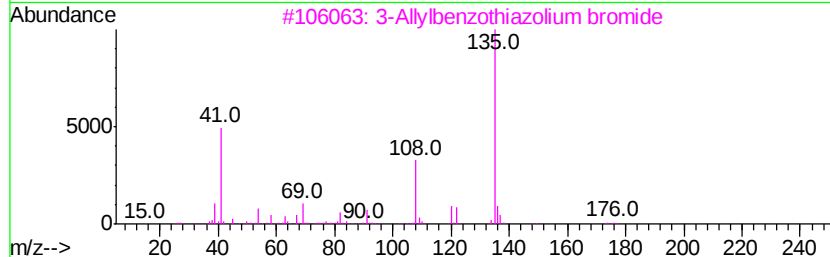
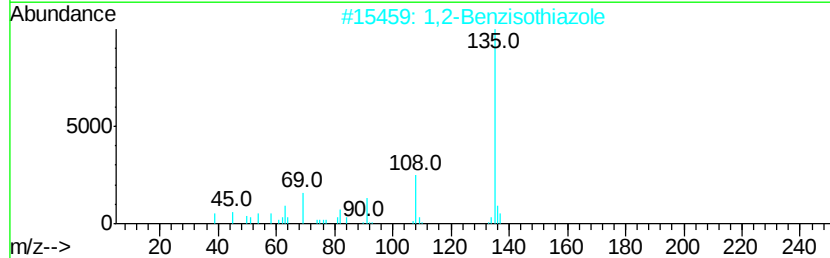
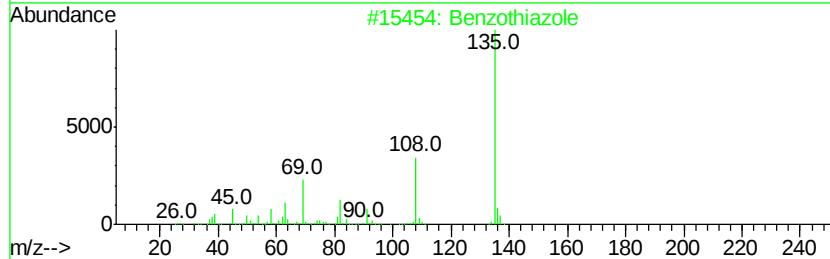
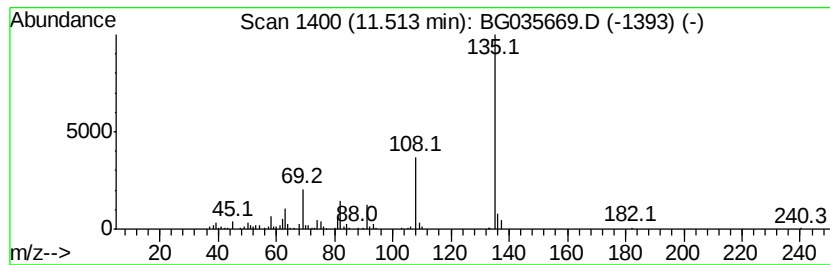
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Benzothiazole Concentration Rank 4

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.51 | 7.49 ng | 186758 | Naphthalene-d8   | 10.86 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|---------|---|-------------------------------------|-----|------------|-------------|------|
| 1       |   | Benzothiazole                       | 135 | C7H5NS     | 000095-16-9 | 95   |
| 2       |   | 1,2-Benzisothiazole                 | 135 | C7H5NS     | 000272-16-2 | 72   |
| 3       |   | 3-Allylbenzothiazolium bromide      | 255 | C10H10BrNS | 016407-55-9 | 72   |
| 4       |   | 1H-Pyrazolo[3,4-d]pyrimidin-4-amine | 135 | C5H5N5     | 002380-63-4 | 58   |
| 5       |   | Adenine                             | 135 | C5H5N5     | 000073-24-5 | 53   |



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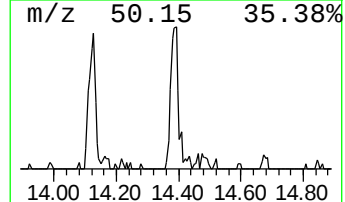
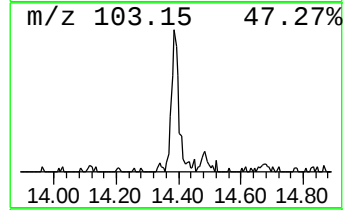
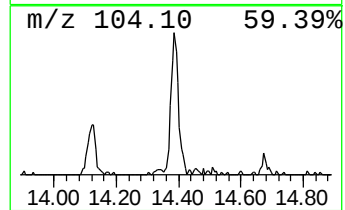
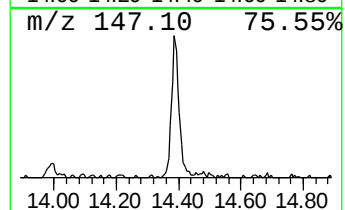
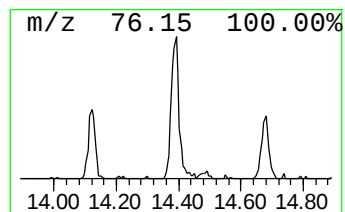
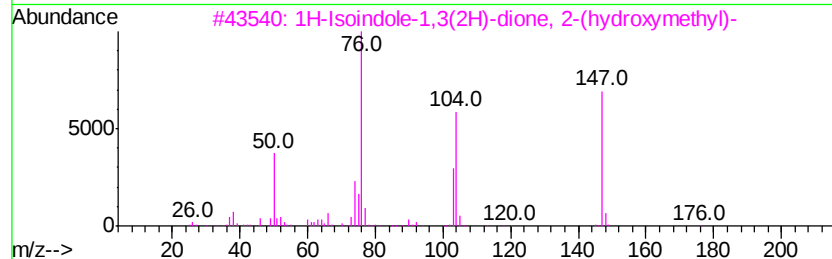
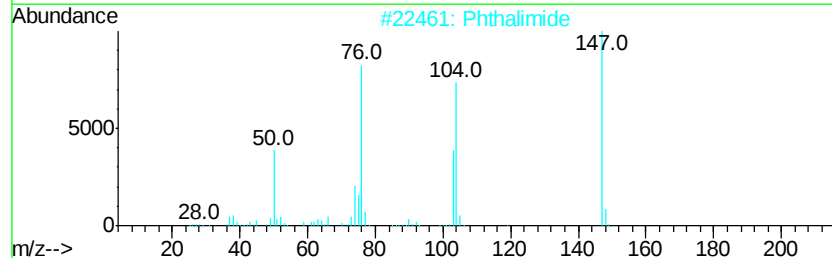
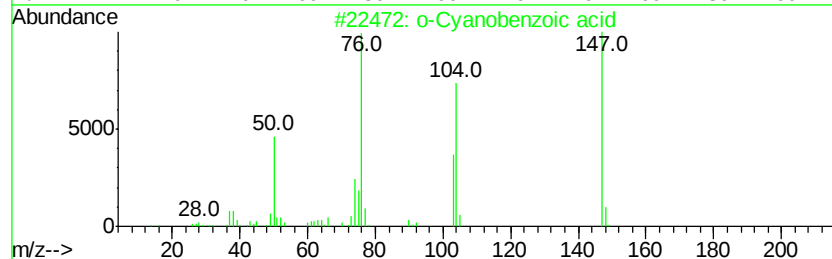
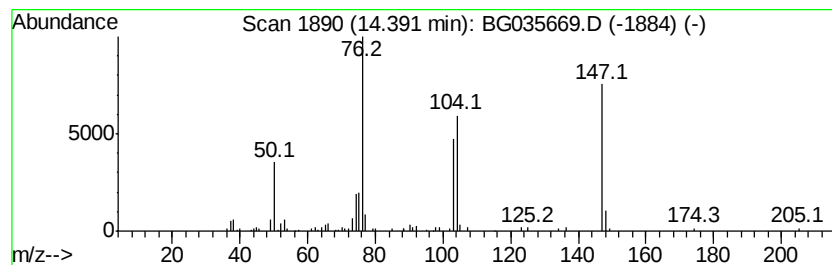
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ClientSampleId :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 6 o-Cyanobenzoic acid Concentration Rank 10

| R.T.    | EstConc | Area                                | Relative to ISTD | R.T.            |
|---------|---------|-------------------------------------|------------------|-----------------|
| 14.39   | 2.71 ng | 96649                               | Acenaphthene-d10 | 14.68           |
| Hit# of | 5       | Tentative ID                        | MW MolForm       | CAS# Qual       |
| 1       |         | o-Cyanobenzoic acid                 | 147 C8H5NO2      | 003839-22-3 91  |
| 2       |         | Phthalimide                         | 147 C8H5NO2      | 000085-41-6 90  |
| 3       |         | 1H-Isoindole-1,3(2H)-dione, 2-(h... | 177 C9H7NO3      | 000118-29-6 83  |
| 4       |         | Phthalimidomethyl 3-methoxybenzoate | 311 C17H13NO5    | 1000224-82-4 83 |
| 5       |         | N-[2-Acetamidoethylthio]phthalimide | 264 C12H12N2O3S  | 025158-14-9 83  |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\  
Data File : BG035669.D  
Acq On : 16 Jul 2018 14:41  
Operator : JU/SJ  
Sample : J3964-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
N48967

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

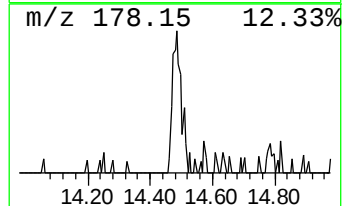
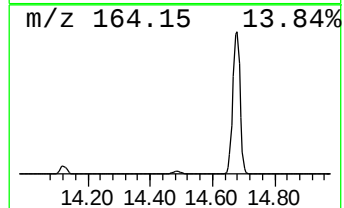
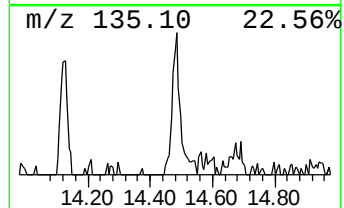
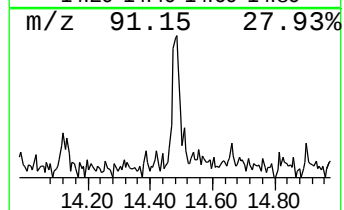
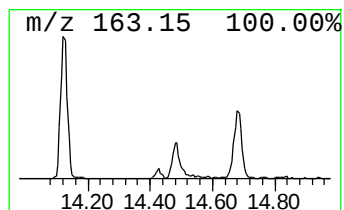
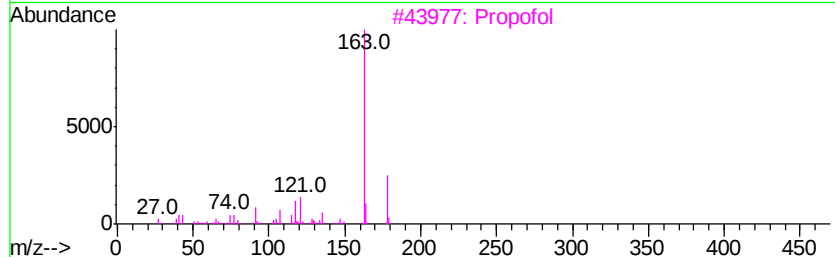
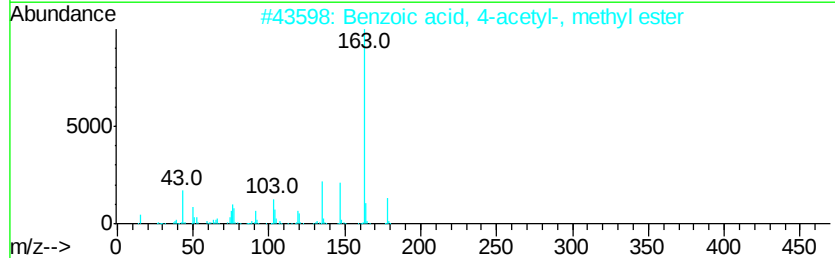
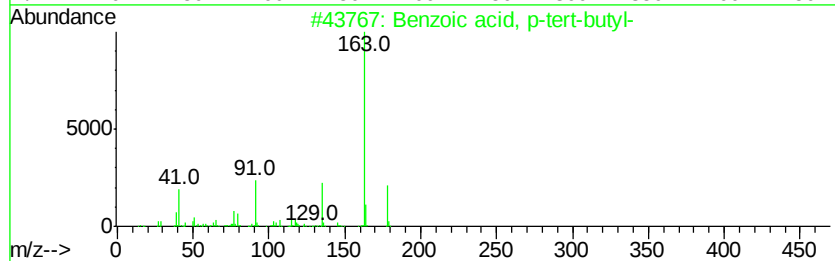
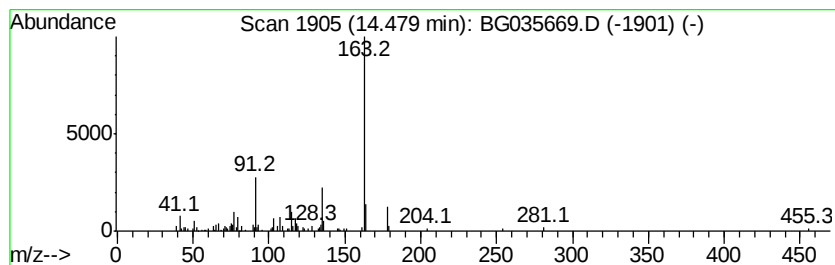
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Benzoic acid, p-tert-butyl- Concentration Rank 14

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 14.48 | 2.22 ng | 79225 | Acenaphthene-d10 | 14.68 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Benzoic acid, p-tert-butyl-         | 178 | C11H14O2 | 000098-73-7 | 90   |
| 2    |    | Benzoic acid, 4-acetyl-, methyl ... | 178 | C10H10O3 | 003609-53-8 | 80   |
| 3    |    | Propofol                            | 178 | C12H18O  | 002078-54-8 | 64   |
| 4    |    | 2-Propenal, 3-(2,6,6-trimethyl-1... | 178 | C12H18O  | 004951-40-0 | 59   |
| 5    |    | Phenol, 2,4-bis(1-methylethyl)-     | 178 | C12H18O  | 002934-05-6 | 59   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\  
Data File : BG035669.D  
Acq On : 16 Jul 2018 14:41  
Operator : JU/SJ  
Sample : J3964-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

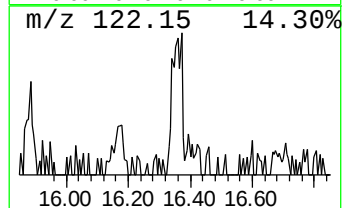
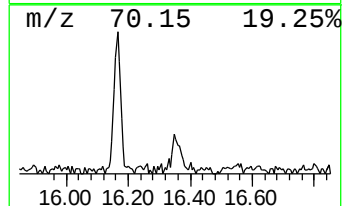
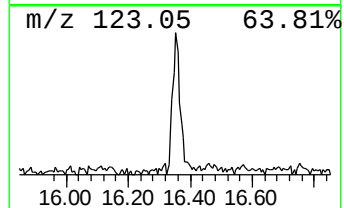
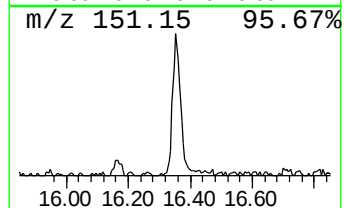
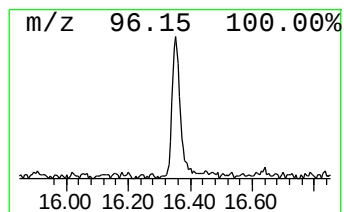
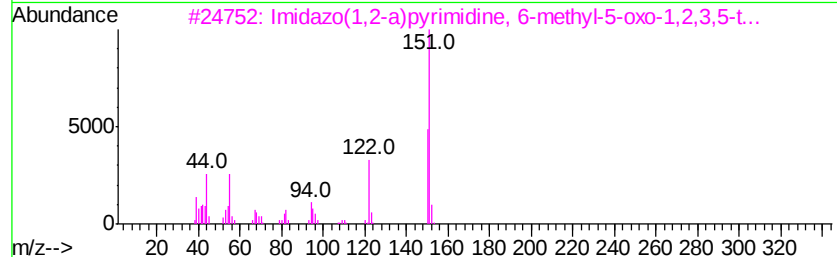
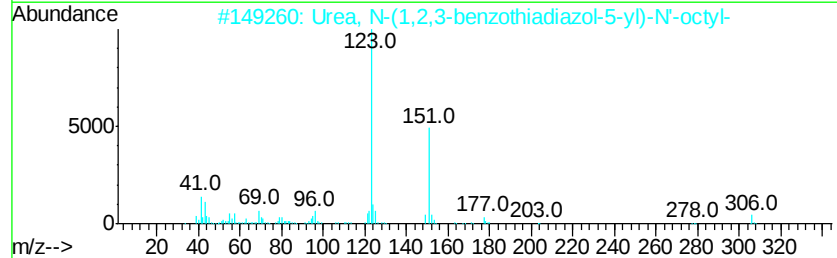
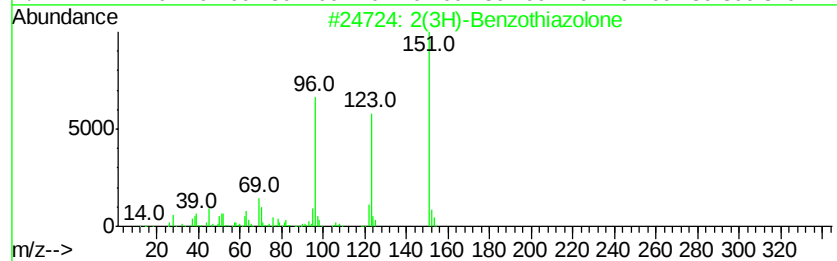
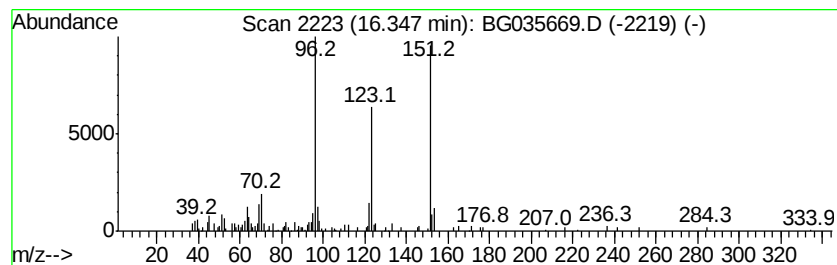
Instrument :  
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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 8 2(3H)-Benzothiazolone Concentration Rank 11

| R.T.    | EstConc | Area                                                         | Relative to ISTD | R.T.            |
|---------|---------|--------------------------------------------------------------|------------------|-----------------|
| 16.35   | 2.42 ng | 106554                                                       | Phenanthrene-d10 | 17.42           |
| Hit# of | 5       | Tentative ID                                                 | MW MolForm       | CAS# Qual       |
| 1       |         | 2(3H)-Benzothiazolone                                        | 151 C7H5NOS      | 000934-34-9 91  |
| 2       |         | Urea, N-(1,2,3-benzothiadiazol-5-yl)-N'-octyl-               | 306 C15H22N4OS   | 1000318-87-5 38 |
| 3       |         | Imidazo(1,2-a)pyrimidine, 6-methyl-5-oxo-1,2,3,5-tetrahydro- | 151 C7H9N3O      | 026955-11-3 38  |
| 4       |         | 1,2-Benzisothiazol-3(2H)-one                                 | 151 C7H5NOS      | 002634-33-5 35  |
| 5       |         | Benzene, fluoro-                                             | 96 C6H5F         | 000462-06-6 27  |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\  
Data File : BG035669.D  
Acq On : 16 Jul 2018 14:41  
Operator : JU/SJ  
Sample : J3964-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

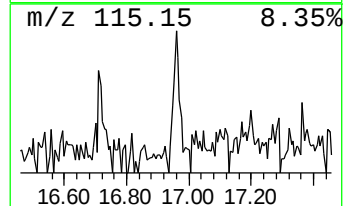
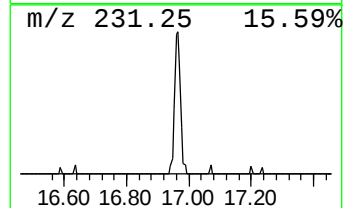
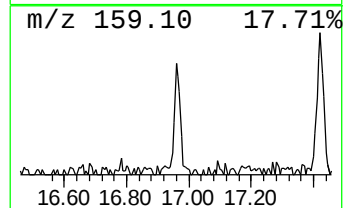
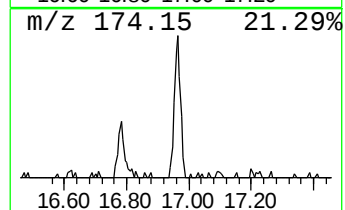
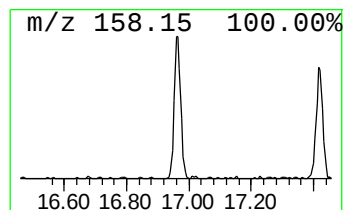
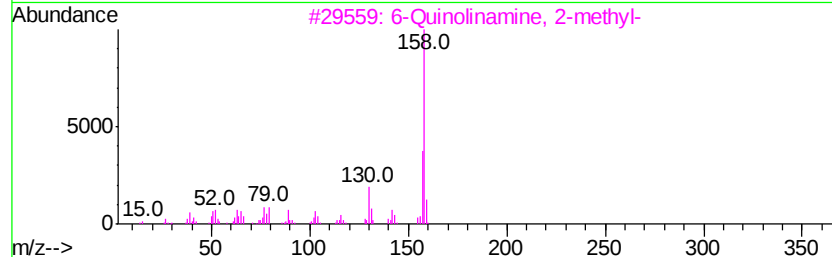
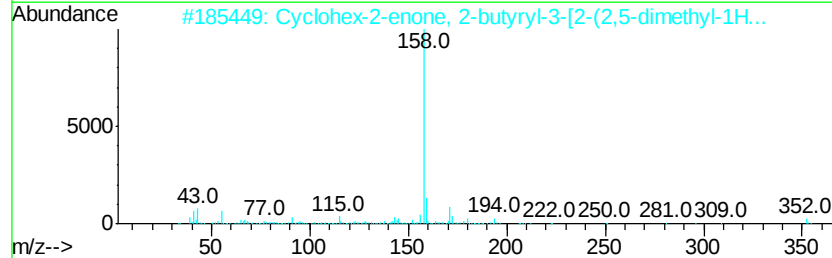
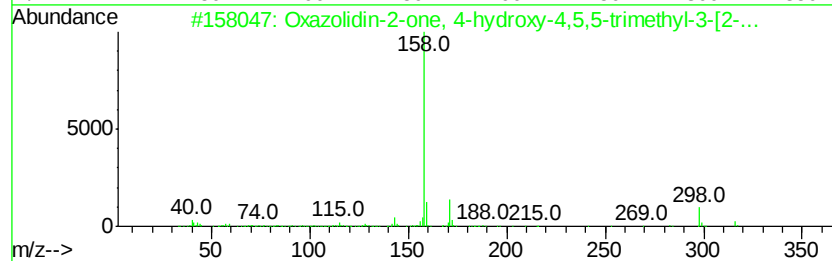
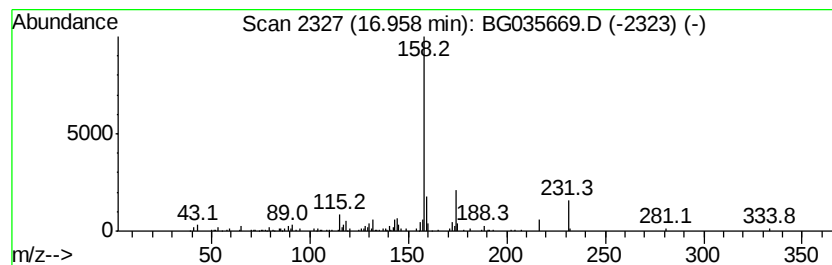
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ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 Oxazolidin-2-one, 4-hydroxy... Concentration Rank 13

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|-------|------------------|--------------|------|
| 16.96     | 2.25 ng                             | 99121 | Phenanthrene-d10 | 17.42        |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#         | Qual |
| 1         | Oxazolidin-2-one, 4-hydroxy-4,5,... | 316   | C18H24N2O3       | 1000276-64-3 | 53   |
| 2         | Cyclohex-2-enone, 2-butyryl-3-[2... | 352   | C22H28N2O2       | 1000302-14-2 | 53   |
| 3         | 6-Quinolinamine, 2-methyl-          | 158   | C10H10N2         | 065079-19-8  | 50   |
| 4         | 4-Aminoquinaldine                   | 158   | C10H10N2         | 006628-04-2  | 47   |
| 5         | Spiro[2H-1-benzopyran-2,2'-[2H]i... | 495   | C31H33N3O3       | 077031-67-5  | 42   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\  
Data File : BG035669.D  
Acq On : 16 Jul 2018 14:41  
Operator : JU/SJ  
Sample : J3964-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

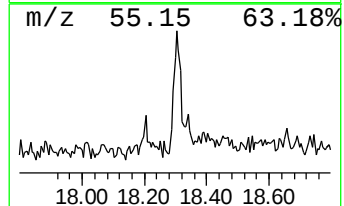
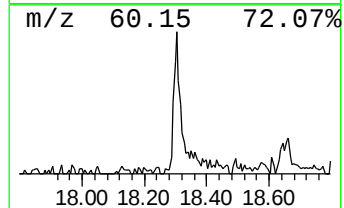
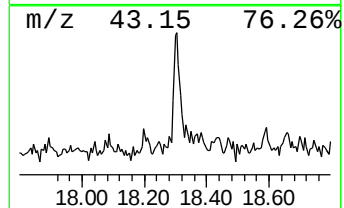
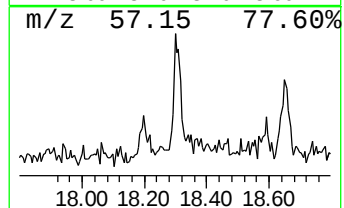
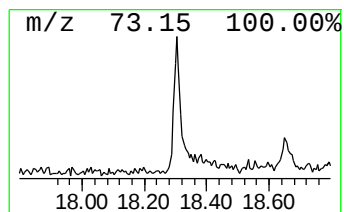
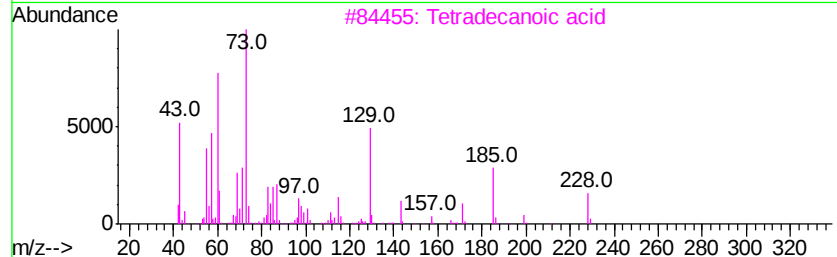
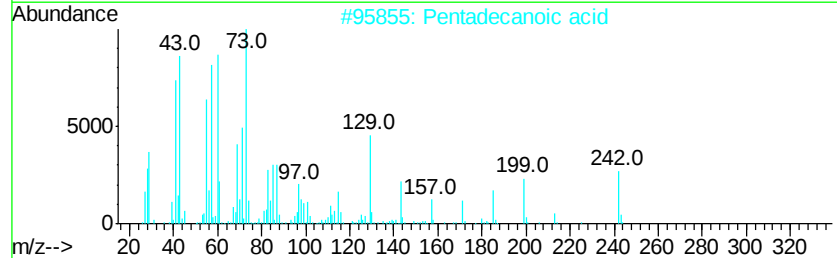
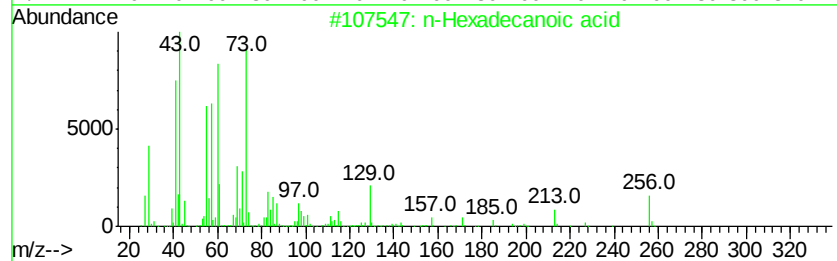
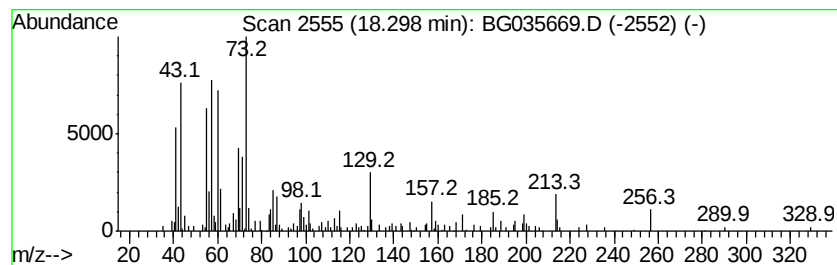
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 n-Hexadecanoic acid Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 18.30 | 3.53 ng | 155851 | Phenanthrene-d10 | 17.42 |

| Hit# of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|-----------|---------------------|-----|----------|-------------|------|
| 1         | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 91   |
| 2         | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 64   |
| 3         | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 64   |
| 4         | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 58   |
| 5         | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 58   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\  
Data File : BG035669.D  
Acq On : 16 Jul 2018 14:41  
Operator : JU/SJ  
Sample : J3964-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

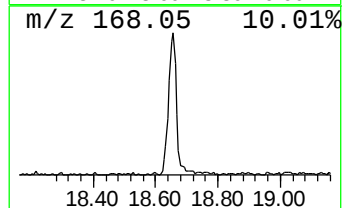
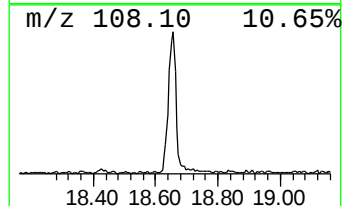
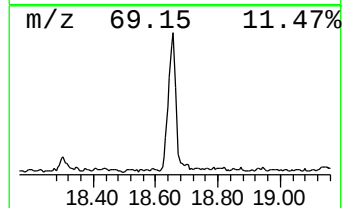
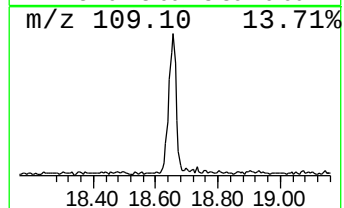
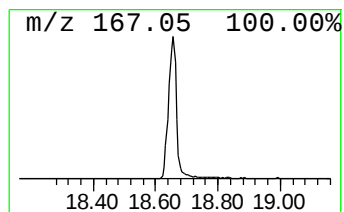
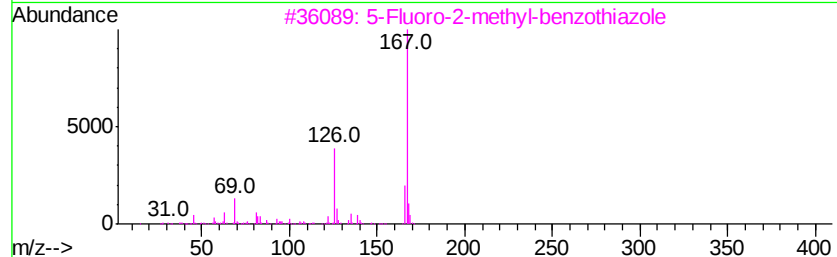
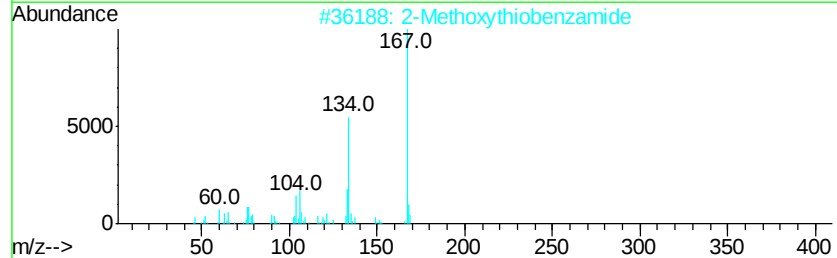
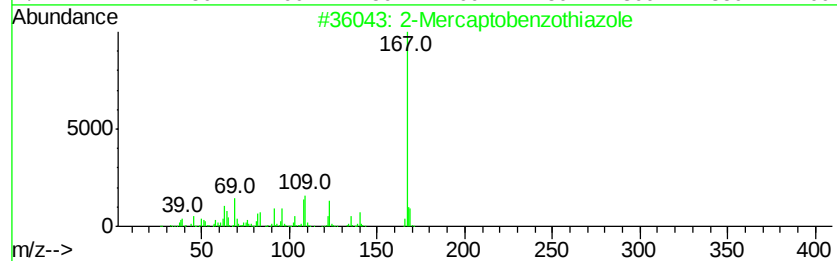
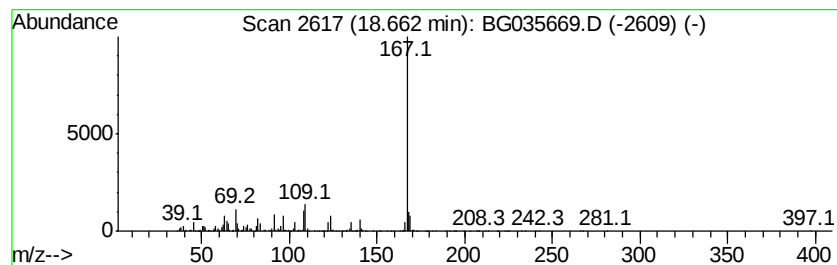
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 2-Mercaptobenzothiazole Concentration Rank 3

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 18.66 | 28.10 ng | 1239500 | Phenanthrene-d10 | 17.42 |

| Hit# | of | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------------------|-----|---------|-------------|------|
| 1    | 5  | 2-Mercaptobenzothiazole         | 167 | C7H5NS2 | 000149-30-4 | 96   |
| 2    |    | 2-Methoxythiobenzamide          | 167 | C8H9NOS | 042590-97-6 | 53   |
| 3    |    | 5-Fluoro-2-methyl-benzothiazole | 167 | C8H6FNS | 000399-75-7 | 52   |
| 4    |    | Thioquinine                     | 167 | C5H5N5S | 000154-42-7 | 50   |
| 5    |    | 1,3-Benzodioxole, 5-nitro-      | 167 | C7H5NO4 | 002620-44-2 | 47   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\  
Data File : BG035669.D  
Acq On : 16 Jul 2018 14:41  
Operator : JU/SJ  
Sample : J3964-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
N48967

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

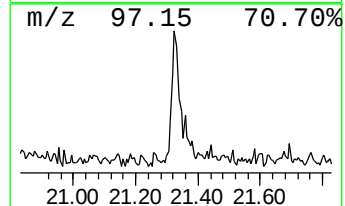
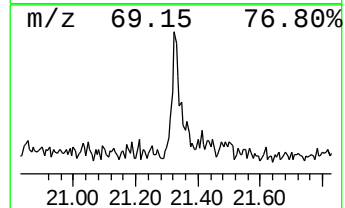
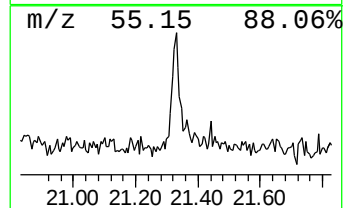
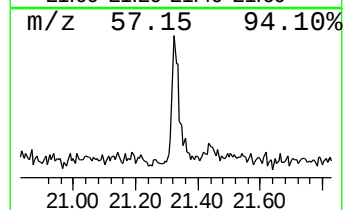
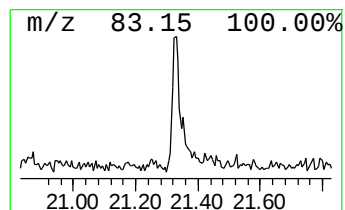
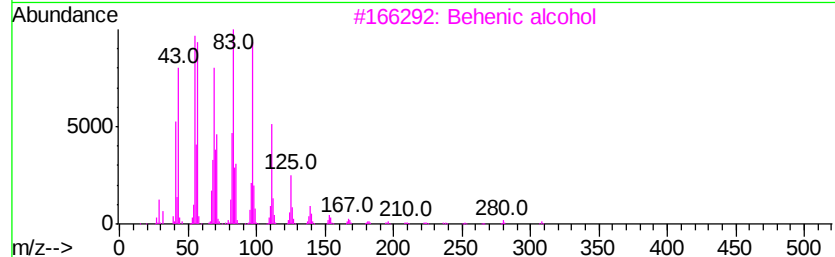
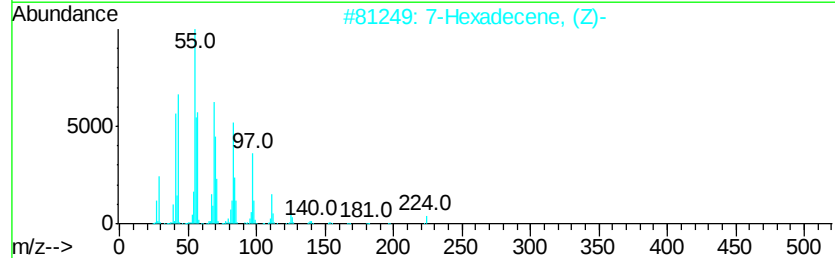
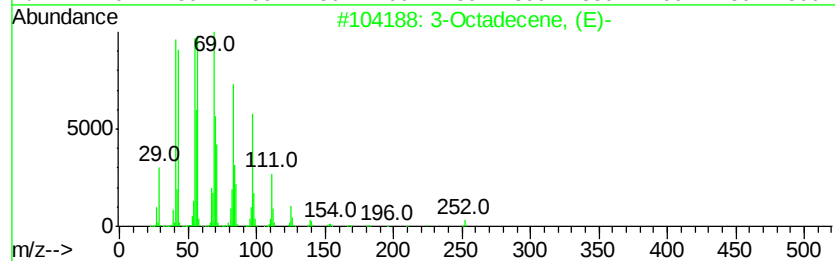
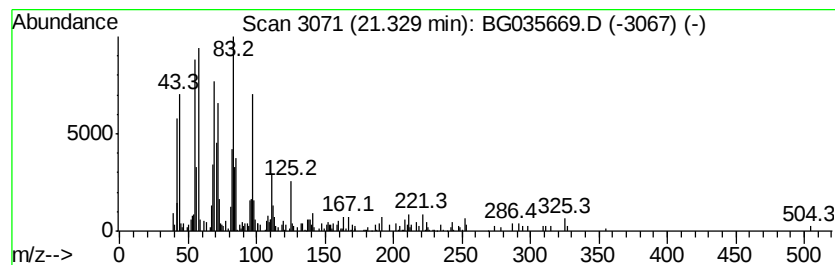
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 12 3-Octadecene, (E)- Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 21.33 | 3.03 ng | 156227 | Chrysene-d12     | 21.69 |

| Hit# | of | Tentative ID       | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------|-----|---------|-------------|------|
| 1    | 5  | 3-Octadecene, (E)- | 252 | C18H36  | 007206-19-1 | 92   |
| 2    |    | 7-Hexadecene, (Z)- | 224 | C16H32  | 035507-09-6 | 91   |
| 3    |    | Behenic alcohol    | 326 | C22H46O | 000661-19-8 | 87   |
| 4    |    | 1-Heneicosanol     | 312 | C21H44O | 015594-90-8 | 87   |
| 5    |    | n-Nonadecanol-1    | 284 | C19H40O | 001454-84-8 | 83   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071618\  
Data File : BG035669.D  
Acq On : 16 Jul 2018 14:41  
Operator : JU/SJ  
Sample : J3964-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
N48967

Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

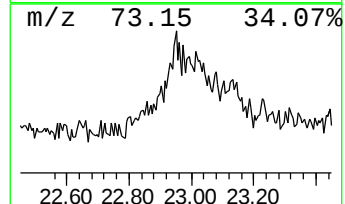
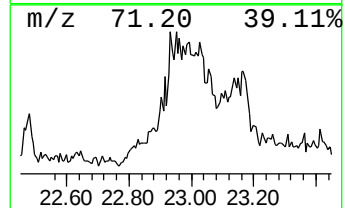
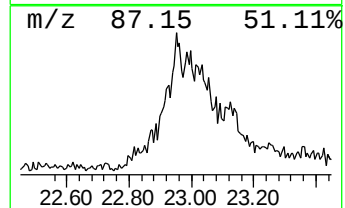
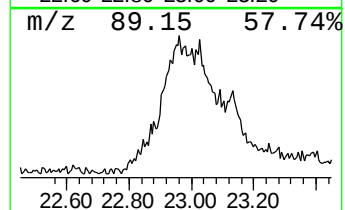
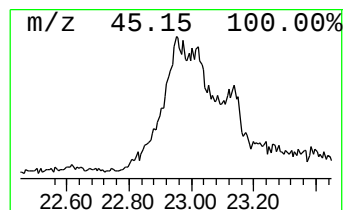
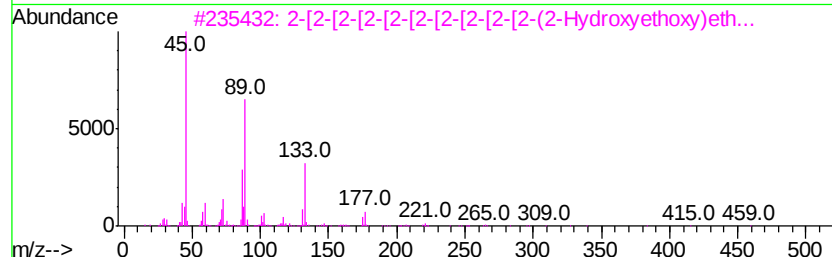
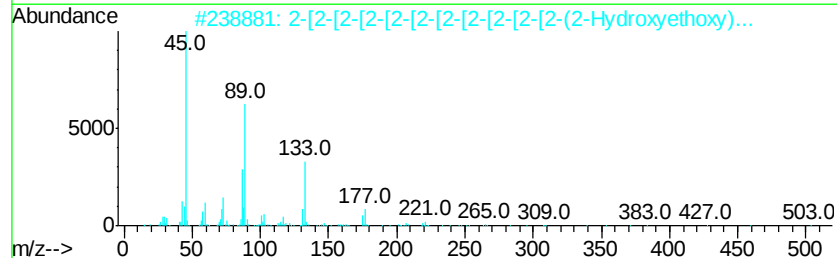
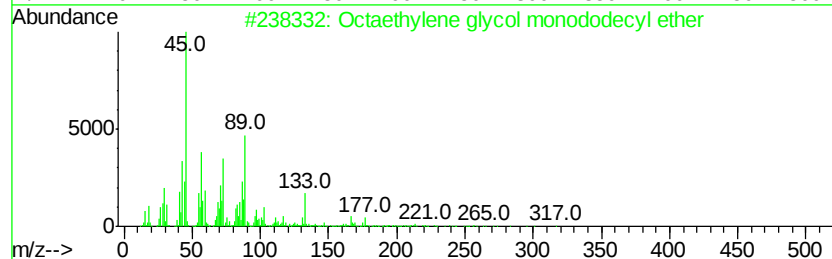
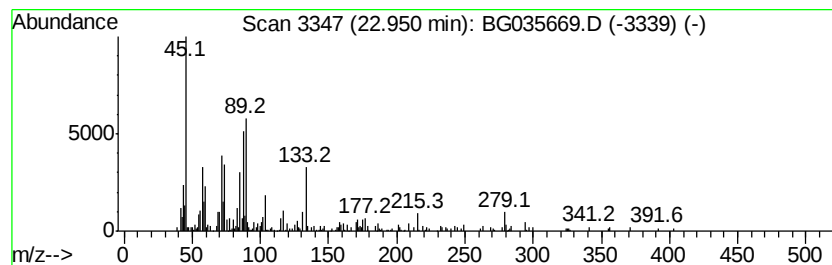
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 13 Octaethylene glycol monododecyl... Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 22.95 | 5.36 ng | 276370 | Chrysene-d12     | 21.69 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm      | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|--------------|--------------|------|
| 1    |    |   | Octaethylene glycol monododecyl ... | 538 | C28H58O9     | 003055-98-9  | 59   |
| 2    |    |   | 2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...    | 546 | C24H50O13    | 1000352-12-7 | 49   |
| 3    |    |   | 2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...    | 502 | C22H46O12    | 1000352-13-2 | 49   |
| 4    |    |   | 2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...    | 458 | C20H42O11    | 1000352-12-6 | 43   |
| 5    |    |   | 1-Chloro-3-methoxy-propan-2-ol, ... | 238 | C10H23ClO2Si | 1000373-19-3 | 43   |





Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG071618\  
Data File : BG035669.D  
Acq On : 16 Jul 2018 14:41  
Operator : JU/SJ  
Sample : J3964-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
N48967

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG071218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 2-Pentanone, 4-hy... | 5.17  | 7.3     | ng    | 122231   | 1                     | 8.06  | 333781  | 20.0 |
| unknown7.59          | 7.59  | 126.5   | ng    | 2110390  | 1                     | 8.06  | 333781  | 20.0 |
| unknown10.08         | 10.08 | 3.8     | ng    | 93657    | 2                     | 10.86 | 498498  | 20.0 |
| Benzothiazole        | 11.51 | 7.5     | ng    | 186758   | 2                     | 10.86 | 498498  | 20.0 |
| o-Cyanobenzoic acid  | 14.39 | 2.7     | ng    | 96649    | 3                     | 14.68 | 714391  | 20.0 |
| Benzoic acid, p-t... | 14.48 | 2.2     | ng    | 79225    | 3                     | 14.68 | 714391  | 20.0 |
| 2(3H)-Benzothiazo... | 16.35 | 2.4     | ng    | 106554   | 4                     | 17.42 | 882232  | 20.0 |
| Oxazolidin-2-one,... | 16.96 | 2.3     | ng    | 99121    | 4                     | 17.42 | 882232  | 20.0 |
| n-Hexadecanoic acid  | 18.30 | 3.5     | ng    | 155851   | 4                     | 17.42 | 882232  | 20.0 |
| 2-Mercaptobenzoth... | 18.66 | 28.1    | ng    | 1239500  | 4                     | 17.42 | 882232  | 20.0 |
| 3-Octadecene, (E)-   | 21.33 | 3.0     | ng    | 156227   | 5                     | 21.69 | 1030470 | 20.0 |
| Octaethylene glyc... | 22.95 | 5.4     | ng    | 276370   | 5                     | 21.69 | 1030470 | 20.0 |
| 2-[2-[2-[2-[2-...    | 25.63 | 2.3     | ng    | 118173   | 6                     | 24.90 | 1036690 | 20.0 |