

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011823\  
 Data File : BG056335.D  
 Acq On : 18 Jan 2023 19:28  
 Operator : CG/JU  
 Sample : 01175-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 YARD-1

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-BG122722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056335.D\data.ms

| 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         | 3.317       | 3             | 5           | 14           | rVB      | 107518         | 129417        | 4.66%           | 1.149%        |
| 2         | 5.344       | 344           | 350         | 358          | rBV      | 117981         | 178782        | 6.44%           | 1.587%        |
| 3         | 5.826       | 424           | 432         | 441          | rBV      | 424058         | 681849        | 24.55%          | 6.052%        |
| 4         | 7.442       | 700           | 707         | 723          | rVB      | 437454         | 743699        | 26.77%          | 6.601%        |
| 5         | 8.305       | 847           | 854         | 861          | rBB      | 115757         | 188463        | 6.79%           | 1.673%        |
| 6         | 9.480       | 1044          | 1054        | 1062         | rBV      | 252406         | 452718        | 16.30%          | 4.018%        |
| 7         | 11.137      | 1328          | 1336        | 1344         | rBV      | 148422         | 263181        | 9.48%           | 2.336%        |
| 8         | 13.546      | 1739          | 1746        | 1754         | rBV      | 1016478        | 1533494       | 55.21%          | 13.610%       |
| 9         | 14.921      | 1972          | 1980        | 1986         | rBV      | 288732         | 458126        | 16.49%          | 4.066%        |
| 10        | 16.255      | 2202          | 2207        | 2214         | rBV      | 55684          | 78108         | 2.81%           | 0.693%        |
| 11        | 16.396      | 2225          | 2231        | 2242         | rBV      | 786872         | 1208321       | 43.50%          | 10.724%       |
| 12        | 17.653      | 2439          | 2445        | 2451         | rBV      | 428560         | 660148        | 23.77%          | 5.859%        |
| 13        | 18.499      | 2585          | 2589        | 2597         | rBV      | 101776         | 138092        | 4.97%           | 1.226%        |
| 14        | 19.686      | 2787          | 2791        | 2795         | rVB2     | 23878          | 34197         | 1.23%           | 0.304%        |
| 15        | 19.757      | 2800          | 2803        | 2811         | rVB7     | 26885          | 36867         | 1.33%           | 0.327%        |
| 16        | 20.050      | 2849          | 2853        | 2860         | rVB      | 21641          | 33360         | 1.20%           | 0.296%        |
| 17        | 20.233      | 2878          | 2884        | 2889         | rVB      | 2089208        | 2777633       | 100.00%         | 24.652%       |
| 18        | 21.525      | 3099          | 3104        | 3113         | rBV2     | 101044         | 171650        | 6.18%           | 1.523%        |
| 19        | 21.948      | 3169          | 3176        | 3182         | rBV2     | 417498         | 744993        | 26.82%          | 6.612%        |
| 20        | 25.385      | 3752          | 3761        | 3773         | rVB2     | 252492         | 754120        | 27.15%          | 6.693%        |

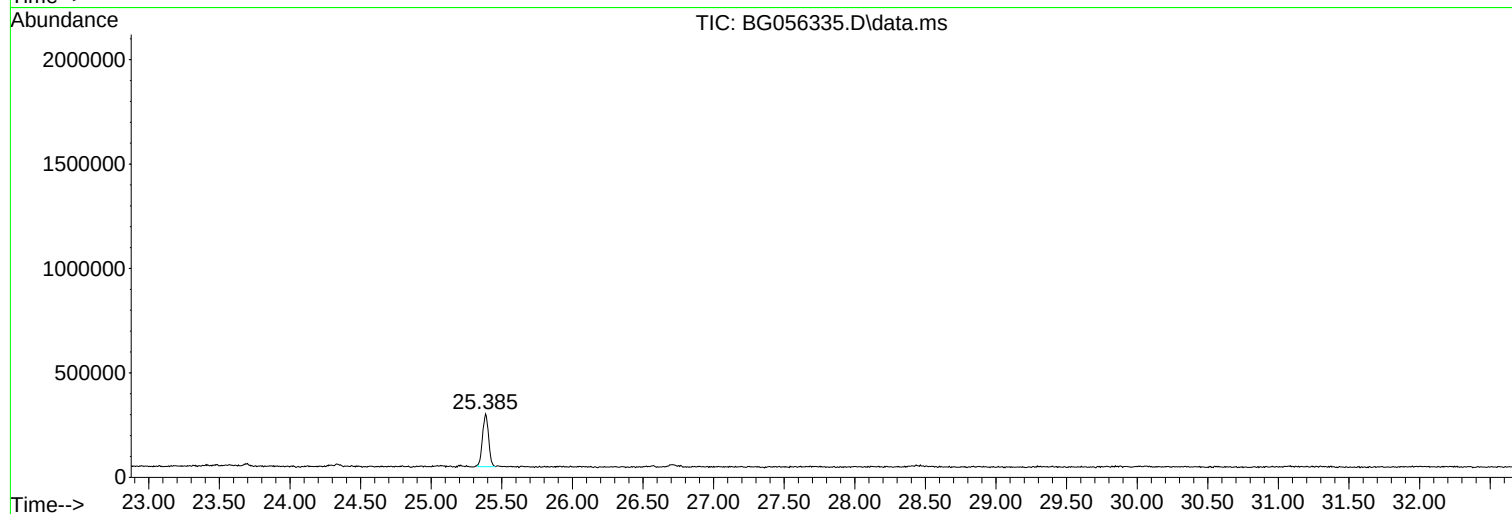
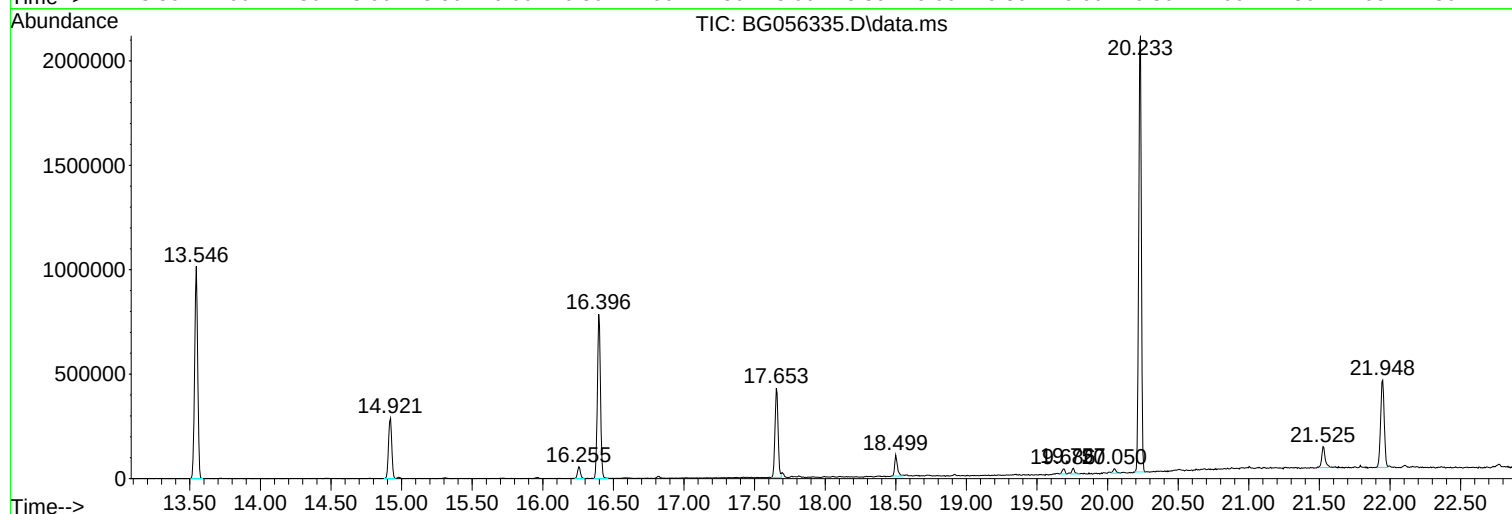
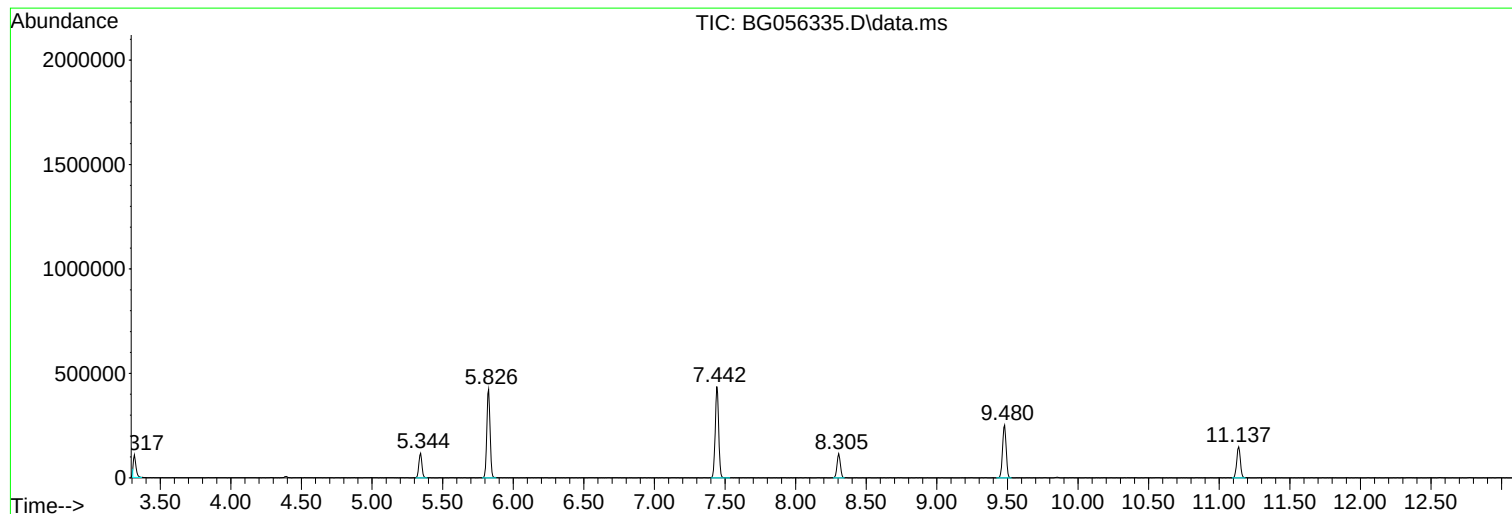
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Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YARD-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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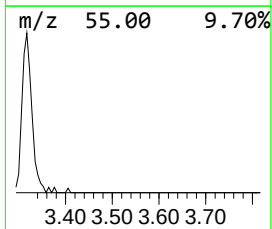
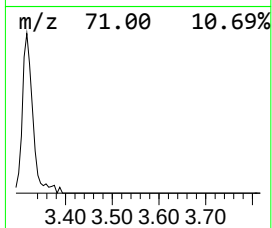
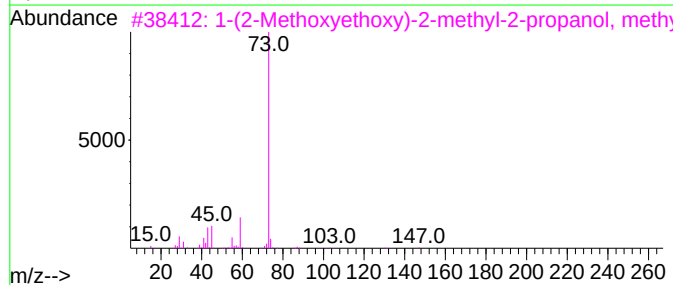
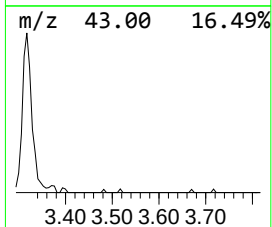
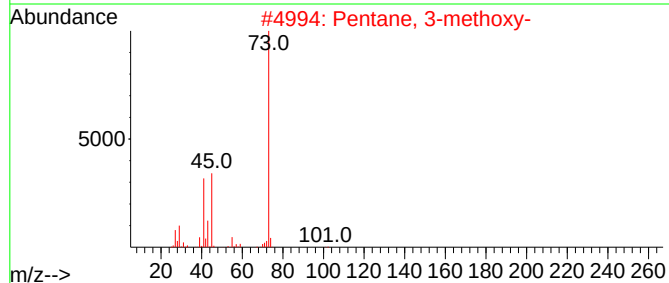
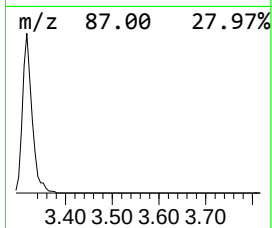
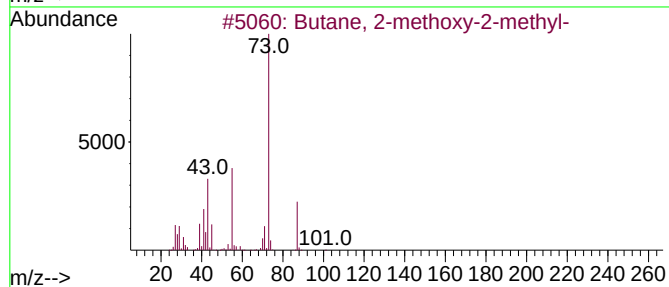
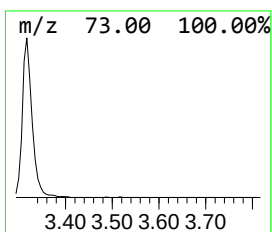
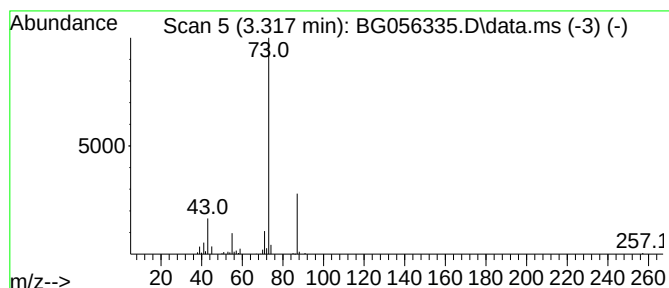
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 3.317 | 13.73 ng | 129417 | 1,4-Dichlorobenzene-d4 | 8.305 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl-         | 102 | C6H14O  | 000994-05-8  | 50   |
| 2    |    |   | Pentane, 3-methoxy-                 | 102 | C6H14O  | 036839-67-5  | 17   |
| 3    |    |   | 1-(2-Methoxyethoxy)-2-methyl-2-p... | 162 | C8H18O3 | 1000364-24-4 | 12   |
| 4    |    |   | Silane, tetramethyl-                | 88  | C4H12Si | 000075-76-3  | 9    |
| 5    |    |   | N-Ethylformamide                    | 73  | C3H7NO  | 000627-45-2  | 9    |



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BNA\_G  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

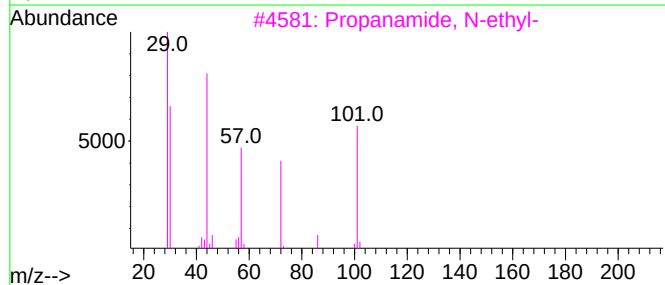
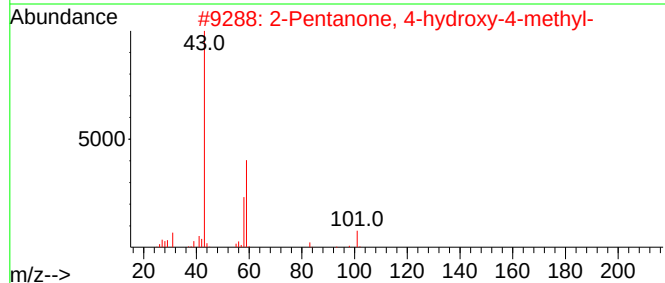
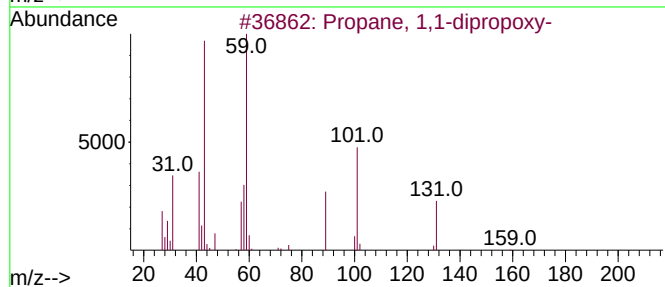
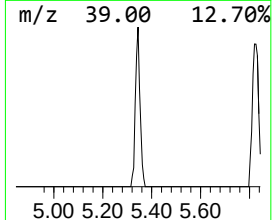
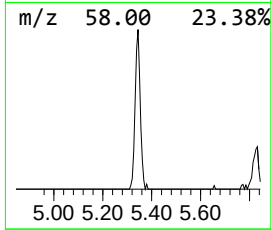
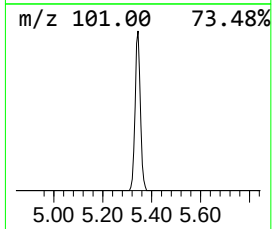
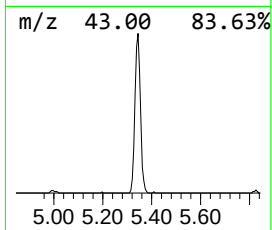
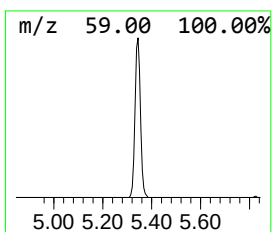
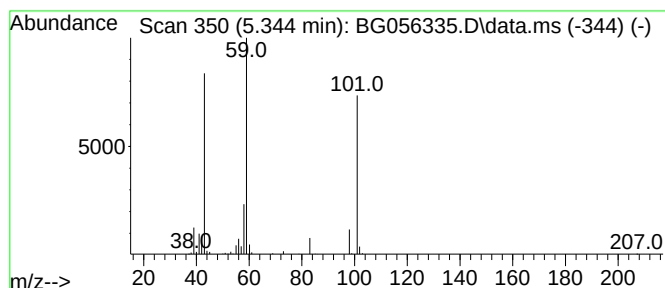
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown5.344 Concentration Rank 1

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 5.344 | 18.97 ng | 178782 | 1,4-Dichlorobenzene-d4 | 8.305 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Propane, 1,1-dipropoxy-             | 160 | C9H20O2     | 004744-11-0  | 40   |
| 2    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2     | 000123-42-2  | 39   |
| 3    |    |   | Propanamide, N-ethyl-               | 101 | C5H11NO     | 005129-72-6  | 27   |
| 4    |    |   | Succinic acid, hept-2-yl 2,2-dic... | 312 | C13H22Cl2O4 | 1000390-51-8 | 17   |
| 5    |    |   | Succinic acid, butyl 2,4-dimethy... | 272 | C15H28O4    | 1000349-35-6 | 16   |



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BNA\_G  
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YARD-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

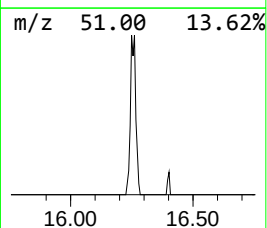
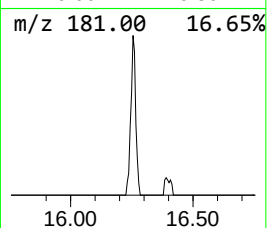
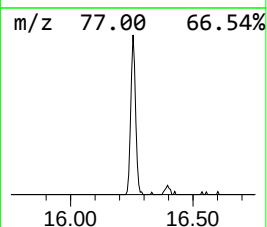
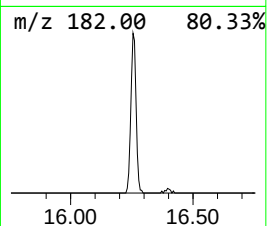
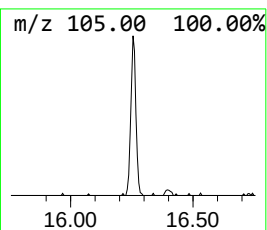
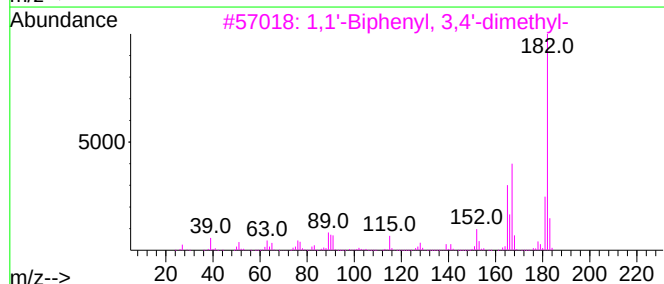
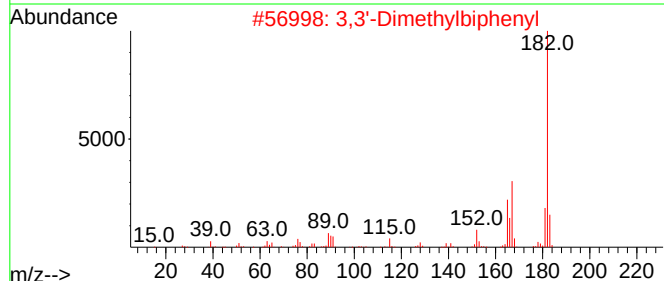
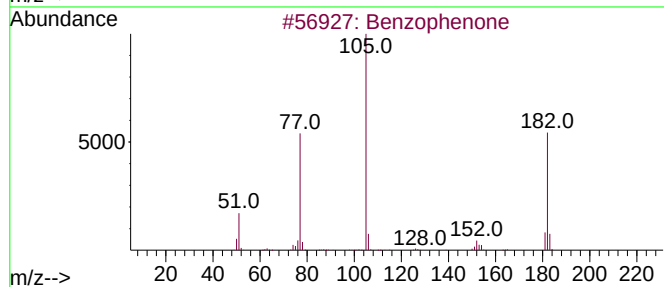
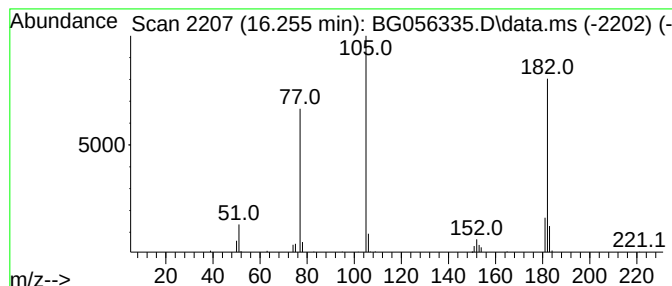
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Benzophenone Concentration Rank 5

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 16.255 | 3.41 ng | 78108 | Acenaphthene-d10 | 14.921 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O   | 000119-61-9 | 91   |
| 2    |    |   | 3,3'-Dimethylbiphenyl               | 182 | C14H14    | 000612-75-9 | 47   |
| 3    |    |   | 1,1'-Biphenyl, 3,4'-dimethyl-       | 182 | C14H14    | 007383-90-6 | 46   |
| 4    |    |   | .beta.-Carboline, 2-methyl-         | 182 | C12H10N2  | 013099-99-5 | 43   |
| 5    |    |   | Benzaldehyde, p-chloro-, dimethy... | 182 | C9H11ClN2 | 022699-29-2 | 43   |



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Instrument :  
BNA\_G  
ClientSampleId :  
YARD-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

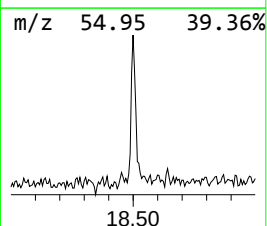
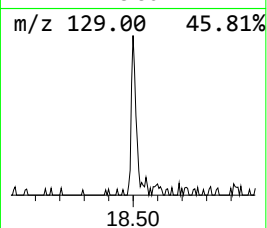
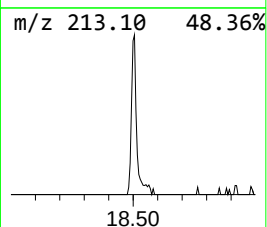
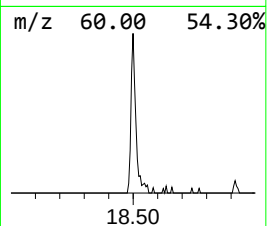
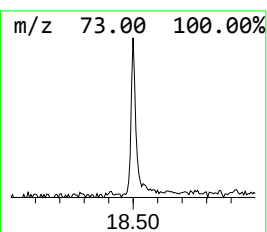
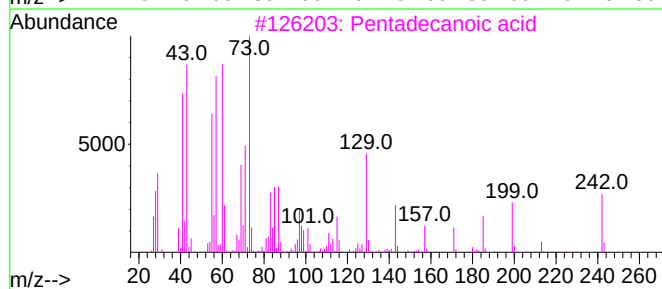
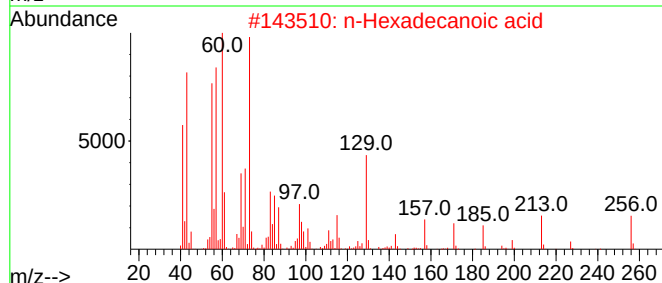
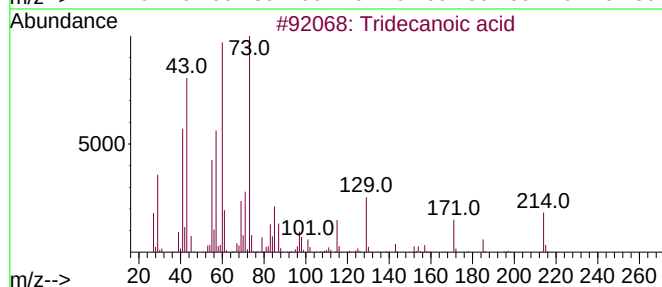
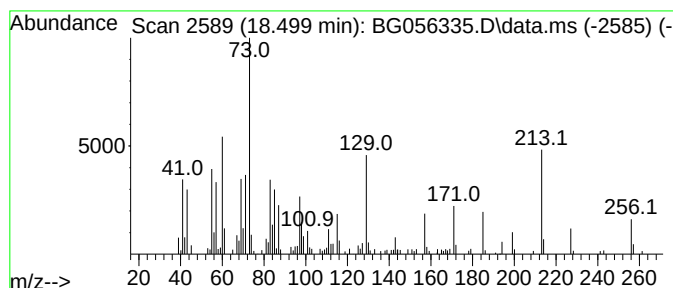
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Tridecanoic acid Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.499 | 4.18 ng | 138092 | Phenanthrene-d10 | 17.653 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 91   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 64   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 47   |
| 4    |    |   | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 47   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 41   |



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Instrument :  
BNA\_G  
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YARD-1

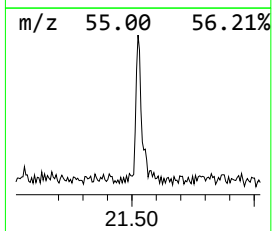
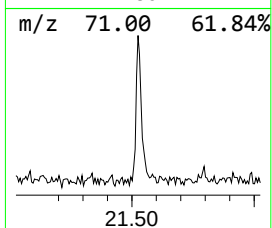
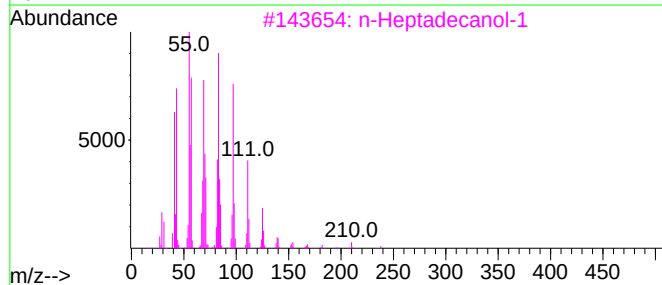
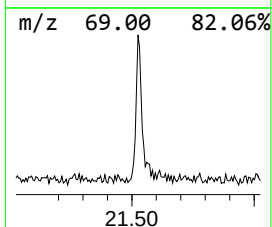
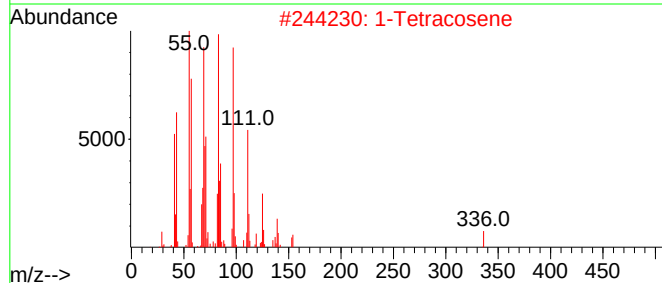
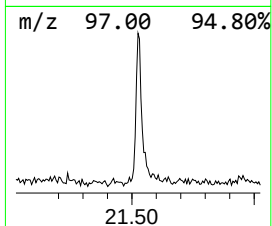
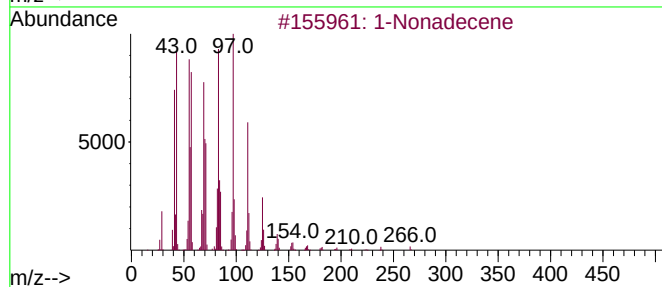
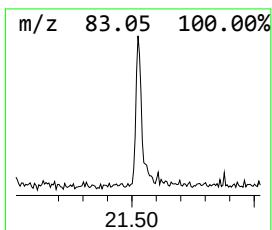
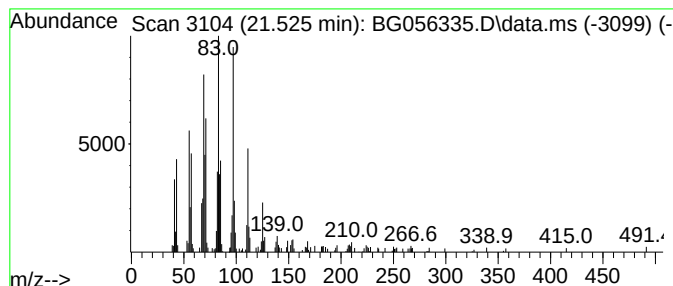
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 1-Nonadecene Concentration Rank 3

| R.T.      | EstConc                     | Area   | Relative to ISTD |            | R.T.        |      |
|-----------|-----------------------------|--------|------------------|------------|-------------|------|
| 21.525    | 4.61 ng                     | 171650 | Chrysene-d12     |            | 21.948      |      |
| Hit# of 5 | Tentative ID                |        | MW               | MolForm    | CAS#        | Qual |
| 1         | 1-Nonadecene                |        | 266              | C19H38     | 018435-45-5 | 91   |
| 2         | 1-Tetracosene               |        | 336              | C24H48     | 010192-32-2 | 90   |
| 3         | n-Heptadecanol-1            |        | 256              | C17H36O    | 001454-85-9 | 87   |
| 4         | 1-Heneicosanol              |        | 312              | C21H44O    | 015594-90-8 | 87   |
| 5         | Tetradecyl trifluoroacetate |        | 310              | C16H29F3O2 | 006222-02-2 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011823\  
Data File : BG056335.D  
Acq On : 18 Jan 2023 19:28  
Operator : CG/JU  
Sample : 01175-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
YARD-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Butane, 2-metho... | 3.317  | 13.7    | ng    | 129417   | 1                     | 8.305  | 188463 | 20.0 |
| unknown5.344       | 5.344  | 19.0    | ng    | 178782   | 1                     | 8.305  | 188463 | 20.0 |
| Benzophenone       | 16.255 | 3.4     | ng    | 78108    | 3                     | 14.921 | 458126 | 20.0 |
| Tridecanoic acid   | 18.499 | 4.2     | ng    | 138092   | 4                     | 17.653 | 660148 | 20.0 |
| 1-Nonadecene       | 21.525 | 4.6     | ng    | 171650   | 5                     | 21.948 | 744993 | 20.0 |