

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG081321\  
 Data File : BG049843.D  
 Acq On : 13 Aug 2021 20:47  
 Operator : CG/JU  
 Sample : M3343-09  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 20210591-AMENDED-COM-5

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-BG080321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049843.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         | 3.138       | 12            | 17          | 24           | rBV2     | 70586          | 128909        | 8.65%           | 1.780%        |
| 2         | 5.106       | 348           | 352         | 358          | rBV      | 26739          | 42920         | 2.88%           | 0.593%        |
| 3         | 5.588       | 427           | 434         | 443          | rBV      | 365808         | 605829        | 40.67%          | 8.365%        |
| 4         | 7.197       | 701           | 708         | 717          | rBV      | 387423         | 698415        | 46.89%          | 9.643%        |
| 5         | 8.032       | 842           | 850         | 857          | rBV      | 95719          | 165721        | 11.13%          | 2.288%        |
| 6         | 9.201       | 1041          | 1049        | 1062         | rBV      | 249466         | 451038        | 30.28%          | 6.227%        |
| 7         | 10.610      | 1282          | 1289        | 1301         | rBV4     | 22517          | 54500         | 3.66%           | 0.752%        |
| 8         | 10.851      | 1323          | 1330        | 1337         | rBV      | 120426         | 218875        | 14.69%          | 3.022%        |
| 9         | 13.301      | 1739          | 1747        | 1755         | rBV      | 592413         | 927055        | 62.24%          | 12.800%       |
| 10        | 14.687      | 1976          | 1983        | 1989         | rBV      | 191605         | 307436        | 20.64%          | 4.245%        |
| 11        | 16.179      | 2230          | 2237        | 2248         | rBV      | 509460         | 845458        | 56.76%          | 11.673%       |
| 12        | 17.201      | 2407          | 2411        | 2419         | rVB9     | 6712           | 15316         | 1.03%           | 0.211%        |
| 13        | 17.436      | 2445          | 2451        | 2462         | rVB      | 269999         | 414545        | 27.83%          | 5.724%        |
| 14        | 20.045      | 2889          | 2895        | 2901         | rBV      | 1145916        | 1489598       | 100.00%         | 20.567%       |
| 15        | 21.361      | 3112          | 3119        | 3126         | rBV      | 16387          | 42193         | 2.83%           | 0.583%        |
| 16        | 21.719      | 3173          | 3180        | 3188         | rVB2     | 254502         | 421275        | 28.28%          | 5.817%        |
| 17        | 24.991      | 3727          | 3737        | 3747         | rVB3     | 143505         | 413640        | 27.77%          | 5.711%        |

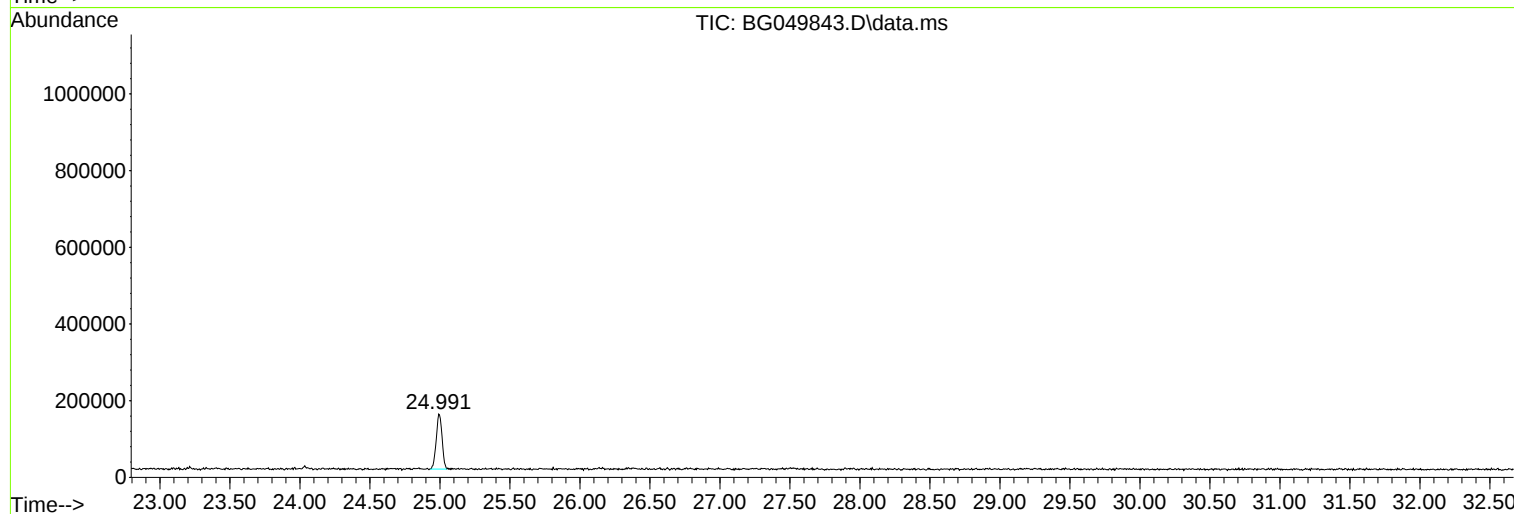
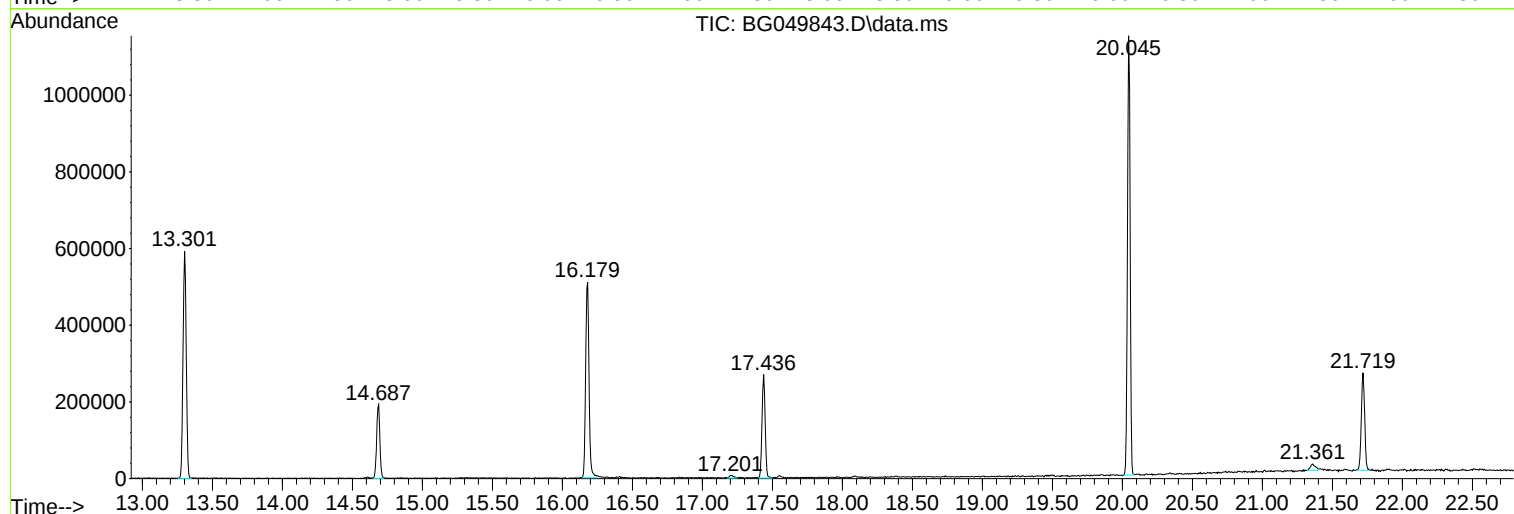
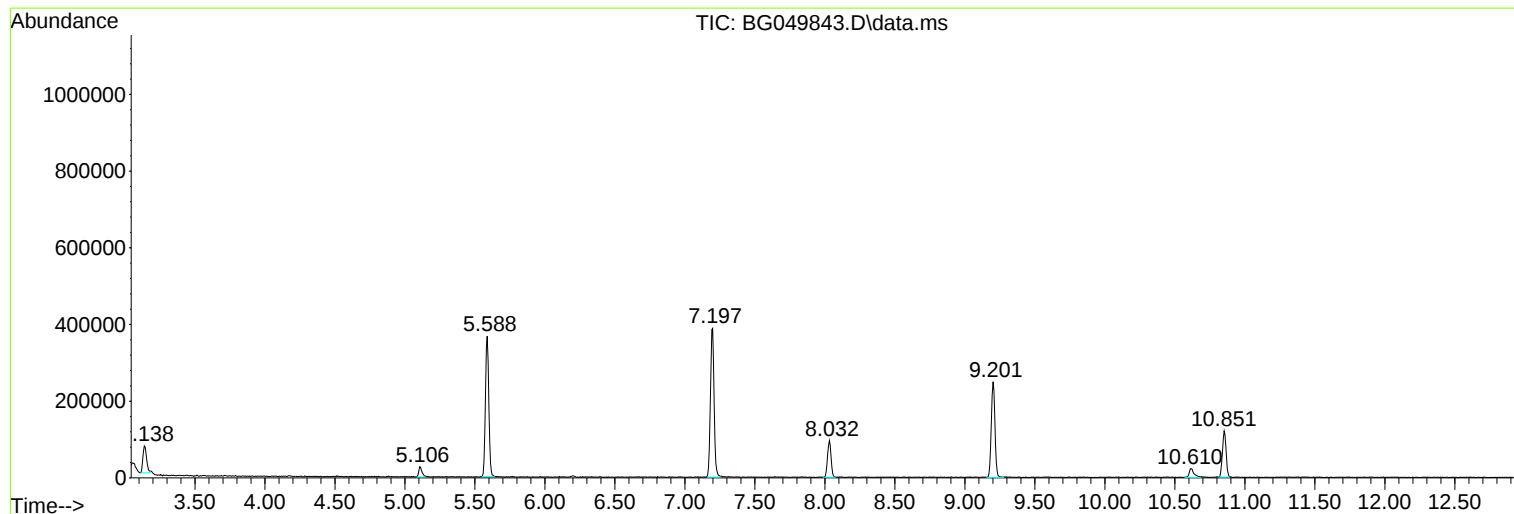
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG081321\  
Data File : BG049843.D  
Acq On : 13 Aug 2021 20:47  
Operator : CG/JU  
Sample : M3343-09  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
20210591-AMENDED-COM-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG080321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG081321\  
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Misc :  
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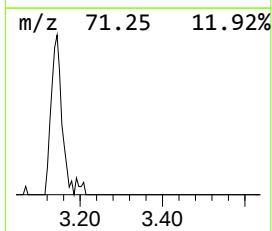
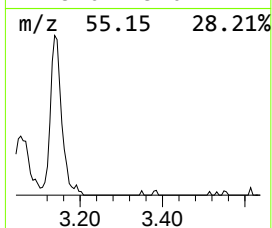
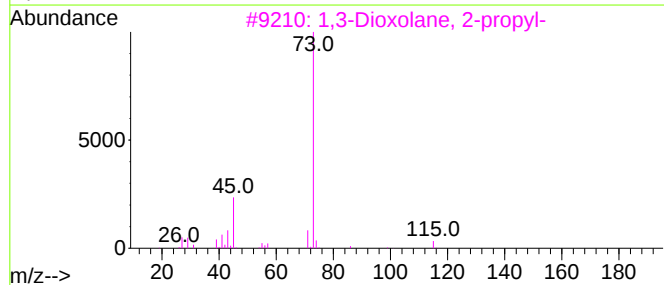
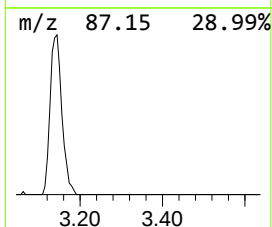
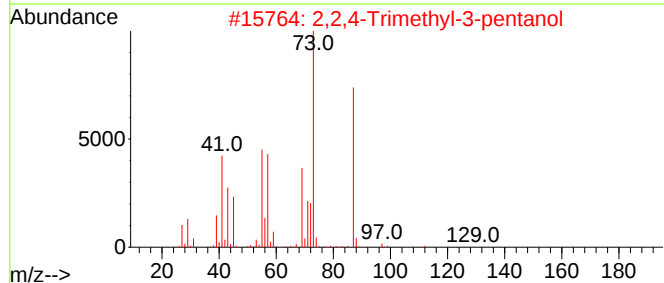
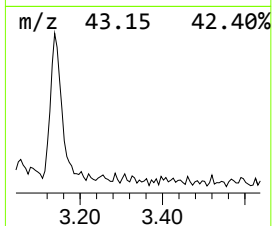
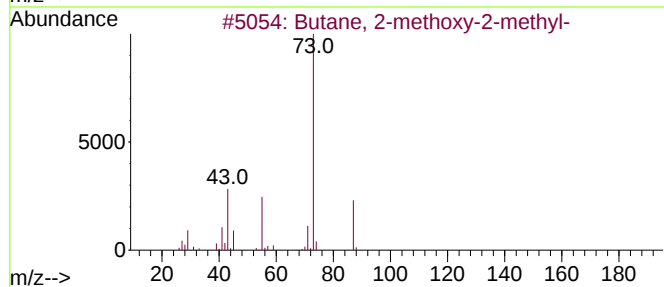
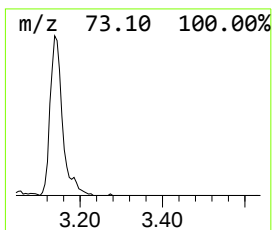
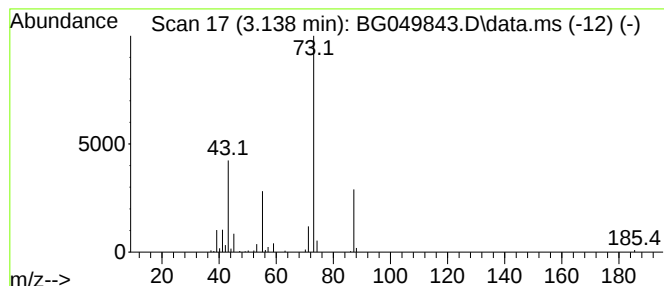
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG080321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 3.138 | 15.56 ng | 128909 | 1,4-Dichlorobenzene-d4 | 8.032 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl-         | 102 | C6H14O  | 000994-05-8  | 53   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol          | 130 | C8H18O  | 005162-48-1  | 42   |
| 3    |    |   | 1,3-Dioxolane, 2-propyl-            | 116 | C6H12O2 | 003390-13-4  | 9    |
| 4    |    |   | Myo-Inositol, 4-C-methyl-           | 194 | C7H14O6 | 000472-95-7  | 9    |
| 5    |    |   | 1-(2-Methoxyethoxy)-2-methyl-2-p... | 162 | C8H18O3 | 1000364-24-4 | 9    |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG080321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

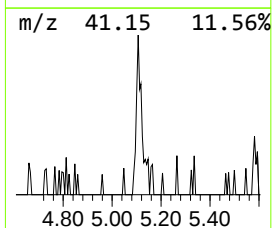
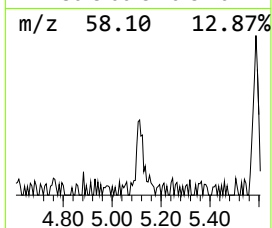
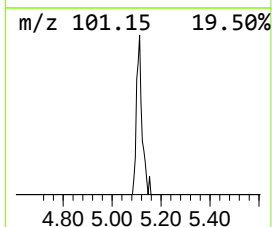
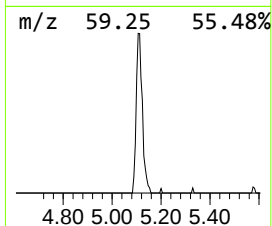
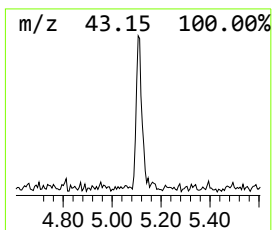
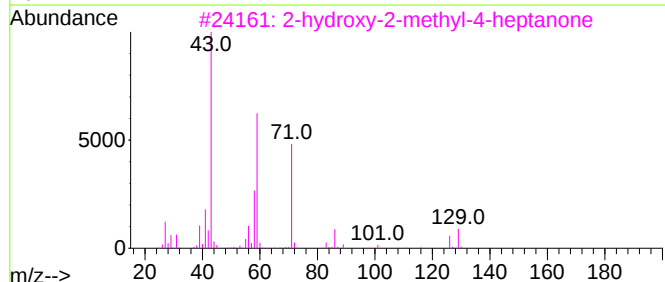
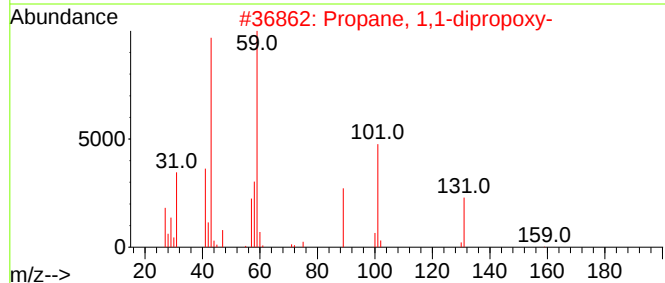
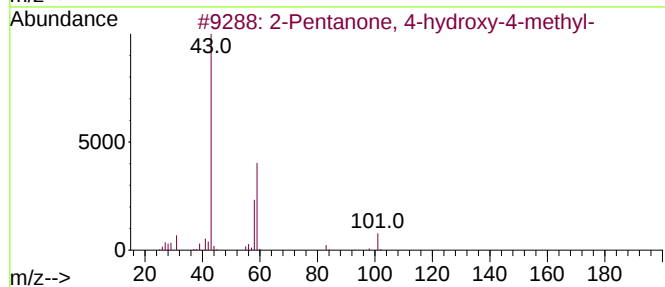
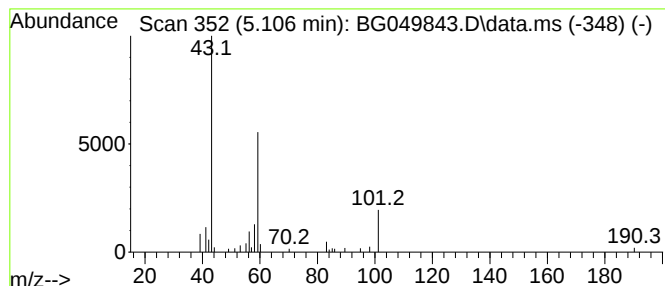
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 5.106 | 5.18 ng | 42920 | 1,4-Dichlorobenzene-d4 | 8.032 |

| Hit# | of 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------------------|-----|---------|-------------|------|
| 1    |      | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2 | 000123-42-2 | 42   |
| 2    |      | Propane, 1,1-dipropoxy-            | 160 | C9H20O2 | 004744-11-0 | 36   |
| 3    |      | 2-hydroxy-2-methyl-4-heptanone     | 144 | C8H16O2 | 054862-91-8 | 33   |
| 4    |      | Hydrazine, 1,1-bis(1-methylethyl)- | 116 | C6H16N2 | 000921-14-2 | 33   |
| 5    |      | 3-Heptanol, 4-methyl-              | 130 | C8H18O  | 014979-39-6 | 23   |



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Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
20210591-AMENDED-COM-5

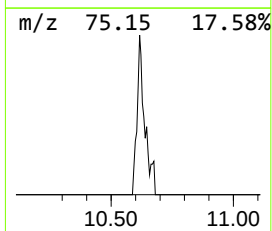
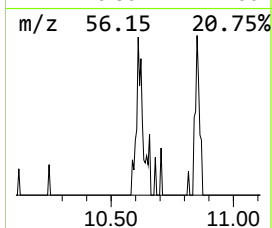
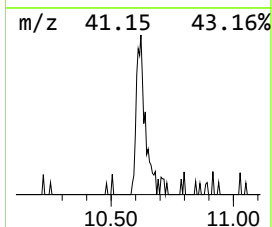
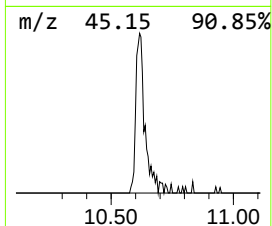
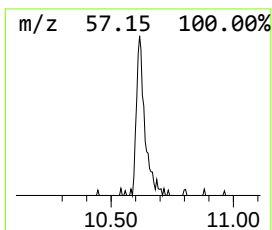
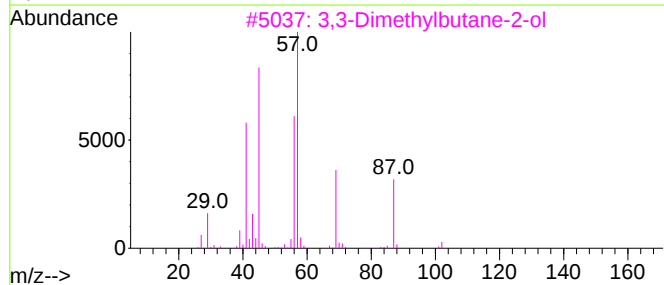
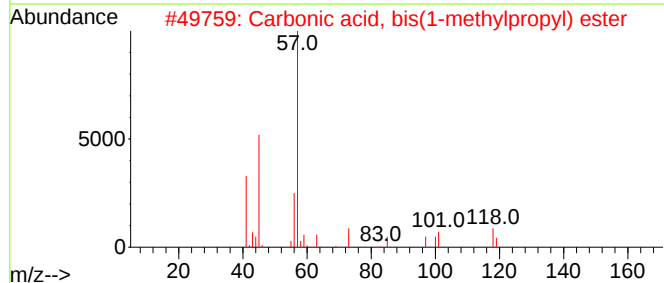
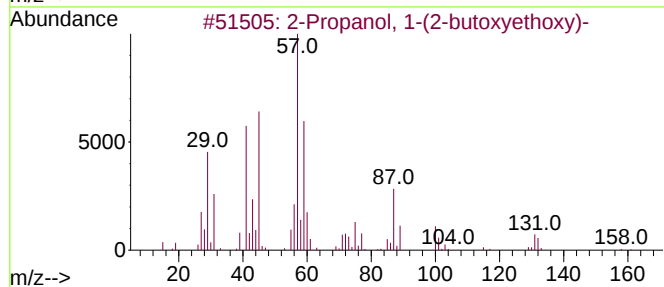
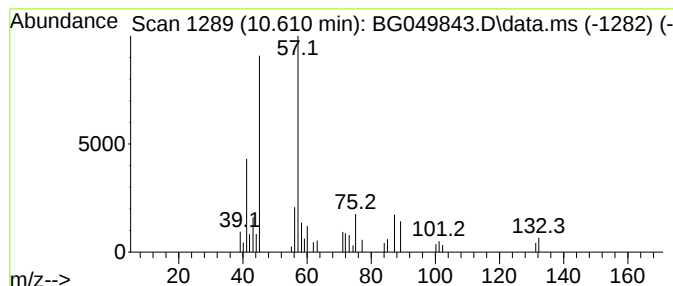
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG080321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 2-Propanol, 1-(2-butoxyetho... Concentration Rank 3

| R.T.      | EstConc                             | Area  | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|-------|------------------|-------------|------|
| 10.610    | 4.98 ng                             | 54500 | Naphthalene-d8   | 10.851      |      |
| Hit# of 5 | Tentative ID                        | MW    | MolForm          | CAS#        | Qual |
| 1         | 2-Propanol, 1-(2-butoxyethoxy)-     | 176   | C9H20O3          | 000124-16-3 | 64   |
| 2         | Carbonic acid, bis(1-methylpropy... | 174   | C9H18O3          | 000623-63-2 | 53   |
| 3         | 3,3-Dimethylbutane-2-ol             | 102   | C6H14O           | 000464-07-3 | 50   |
| 4         | Ethanol, 2-(2-butoxyethoxy)-        | 162   | C8H18O3          | 000112-34-5 | 45   |
| 5         | Ethanol, 1-(2-butoxyethoxy)-        | 162   | C8H18O3          | 054446-78-5 | 45   |



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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
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20210591-AMENDED-COM-5

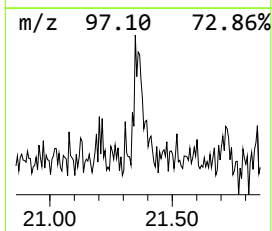
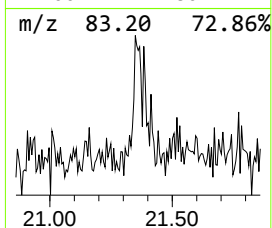
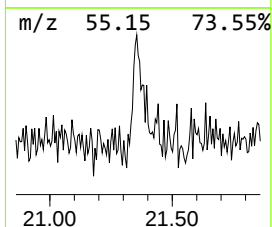
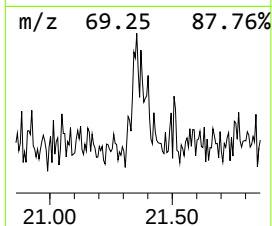
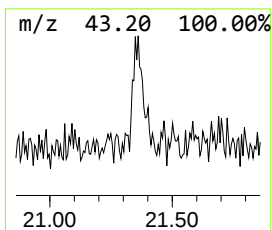
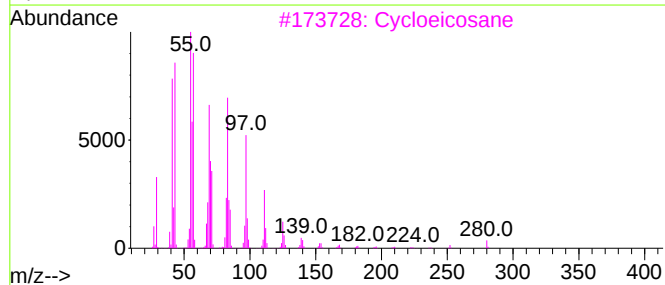
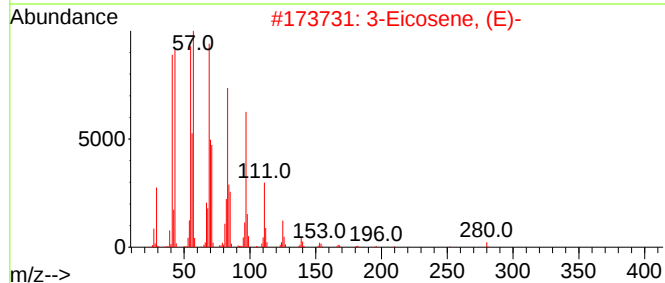
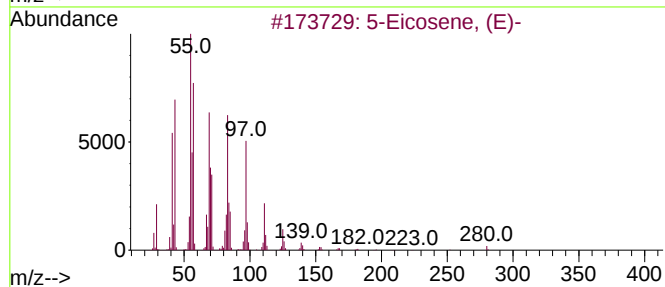
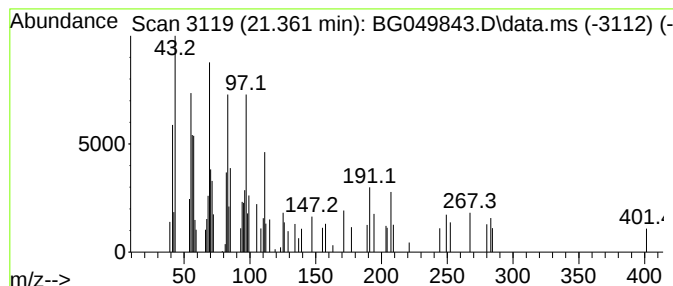
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG080321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 5-Eicosene, (E)- Concentration Rank 4

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 21.361 | 2.00 ng | 42193 | Chrysene-d12     | 21.719 |

| Hit# | of 5             | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------------------|--------------|-----|---------|-------------|------|
| 1    | 5-Eicosene, (E)- |              | 280 | C20H40  | 074685-30-6 | 94   |
| 2    | 3-Eicosene, (E)- |              | 280 | C20H40  | 074685-33-9 | 93   |
| 3    | Cycloeicosane    |              | 280 | C20H40  | 000296-56-0 | 93   |
| 4    | 1-Eicosene       |              | 280 | C20H40  | 003452-07-1 | 80   |
| 5    | 9-Eicosene, (E)- |              | 280 | C20H40  | 074685-29-3 | 78   |



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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... | 3.138  | 15.6    | ng    | 128909   | 1                     | 8.032  | 165721 | 20.0 |
| 2-Pentanone, 4-... | 5.106  | 5.2     | ng    | 42920    | 1                     | 8.032  | 165721 | 20.0 |
| 2-Propanol, 1-(... | 10.610 | 5.0     | ng    | 54500    | 2                     | 10.851 | 218875 | 20.0 |
| 5-Eicosene, (E)-   | 21.361 | 2.0     | ng    | 42193    | 5                     | 21.719 | 421275 | 20.0 |