

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111522\  
 Data File : BG055637.D  
 Acq On : 16 Nov 2022 1:16  
 Operator : CG/JU  
 Sample : N5608-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NP-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-BG110922.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055637.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         | 5.305       | 337           | 343         | 351          | rBV      | 90850          | 139865        | 5.13%           | 1.061%        |
| 2         | 5.781       | 417           | 424         | 435          | rBV      | 631464         | 1005888       | 36.92%          | 7.630%        |
| 3         | 7.391       | 690           | 698         | 710          | rBV      | 640235         | 1083186       | 39.76%          | 8.216%        |
| 4         | 8.254       | 838           | 845         | 853          | rBV      | 155061         | 259059        | 9.51%           | 1.965%        |
| 5         | 9.424       | 1036          | 1044        | 1052         | rBV      | 365419         | 654881        | 24.04%          | 4.967%        |
| 6         | 10.828      | 1277          | 1283        | 1296         | rBV      | 29004          | 57721         | 2.12%           | 0.438%        |
| 7         | 11.086      | 1319          | 1327        | 1335         | rVB      | 220433         | 385726        | 14.16%          | 2.926%        |
| 8         | 13.501      | 1729          | 1738        | 1745         | rBV      | 1050640        | 1654508       | 60.73%          | 12.550%       |
| 9         | 14.876      | 1965          | 1972        | 1980         | rVB      | 375542         | 594835        | 21.83%          | 4.512%        |
| 10        | 16.357      | 2217          | 2224        | 2236         | rBV      | 928889         | 1414995       | 51.94%          | 10.733%       |
| 11        | 17.620      | 2432          | 2439        | 2445         | rBV      | 504149         | 786747        | 28.88%          | 5.968%        |
| 12        | 18.260      | 2543          | 2548        | 2553         | rVB2     | 21624          | 28112         | 1.03%           | 0.213%        |
| 13        | 18.478      | 2580          | 2585        | 2597         | rBV      | 153728         | 246259        | 9.04%           | 1.868%        |
| 14        | 19.741      | 2795          | 2800        | 2808         | rBV      | 105004         | 175441        | 6.44%           | 1.331%        |
| 15        | 20.205      | 2873          | 2879        | 2886         | rBV      | 2121705        | 2724397       | 100.00%         | 20.665%       |
| 16        | 21.527      | 3099          | 3104        | 3123         | rBV6     | 51773          | 208928        | 7.67%           | 1.585%        |
| 17        | 21.915      | 3163          | 3170        | 3178         | rBV2     | 495635         | 856674        | 31.44%          | 6.498%        |
| 18        | 25.334      | 3741          | 3752        | 3764         | rVB3     | 294249         | 906442        | 33.27%          | 6.875%        |

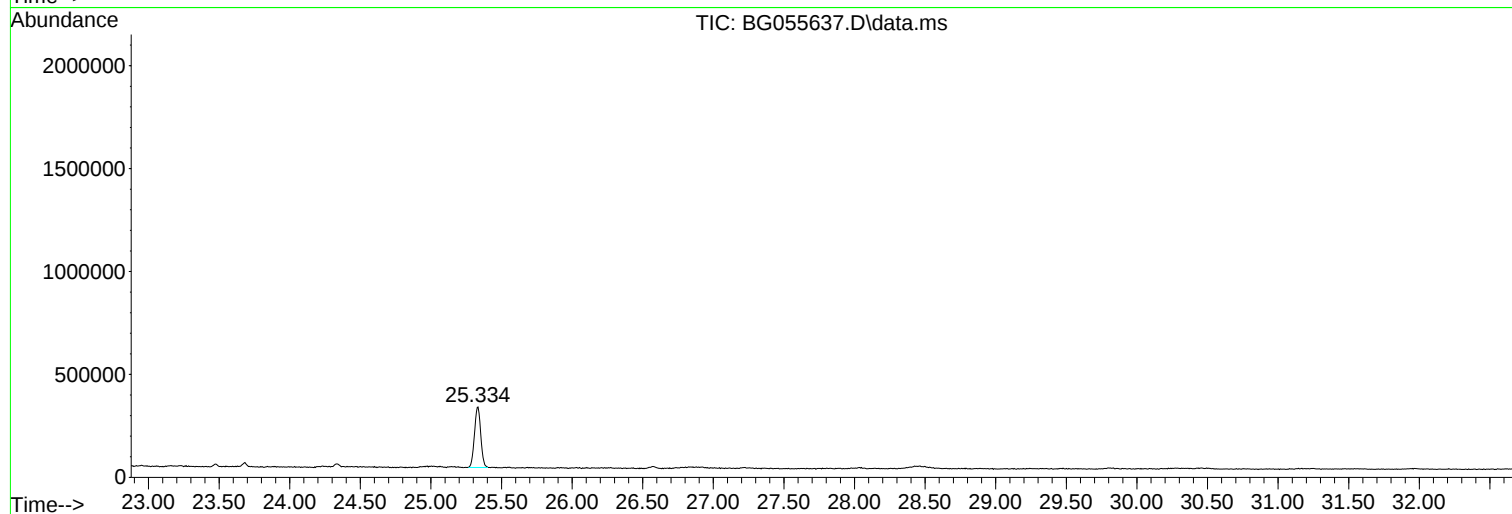
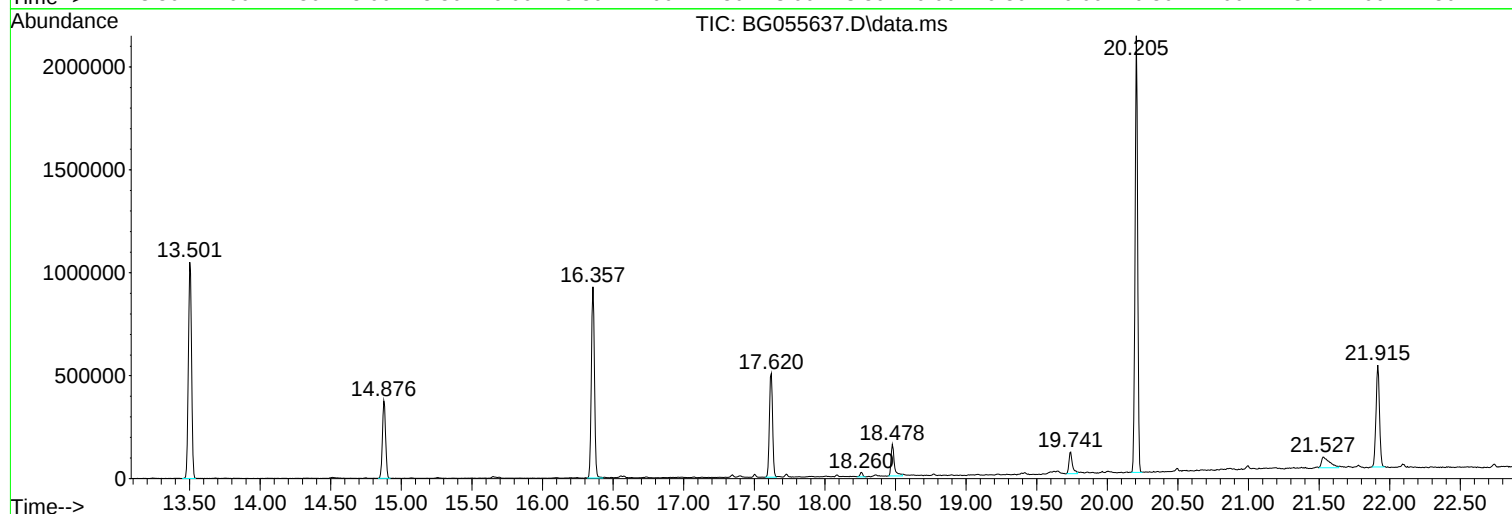
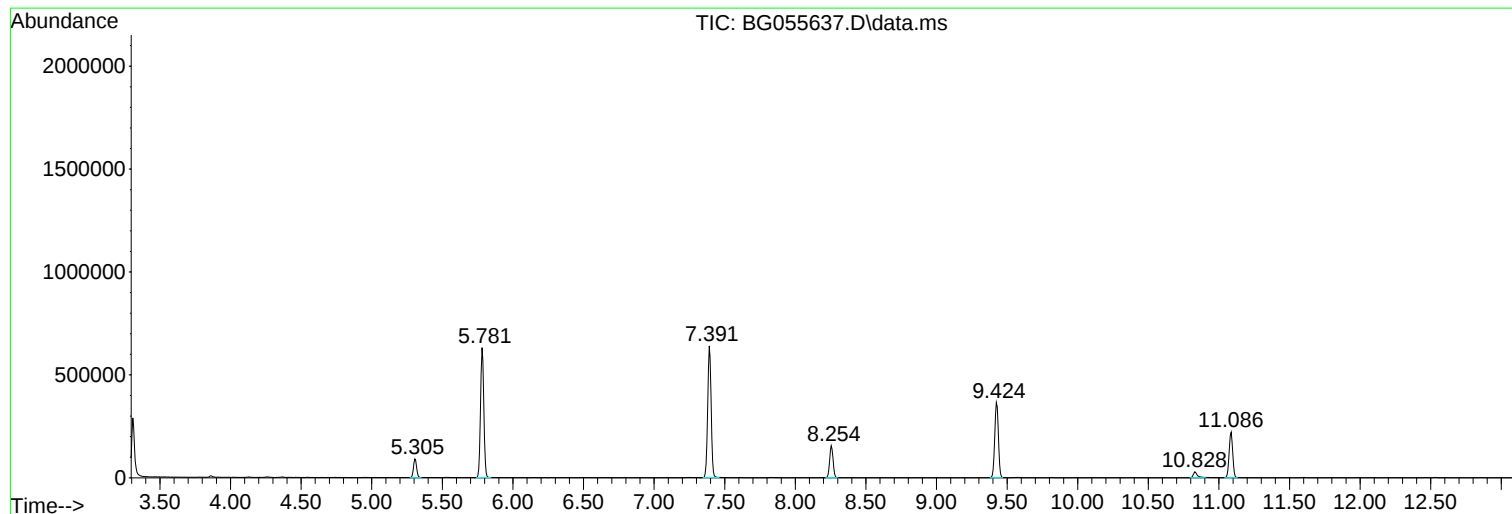
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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
NP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110922.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\BG111522\  
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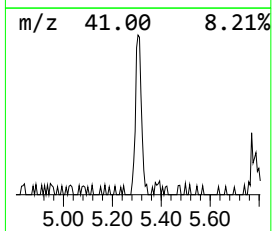
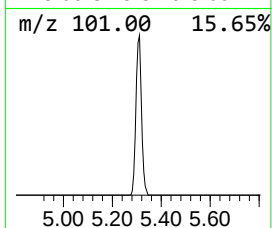
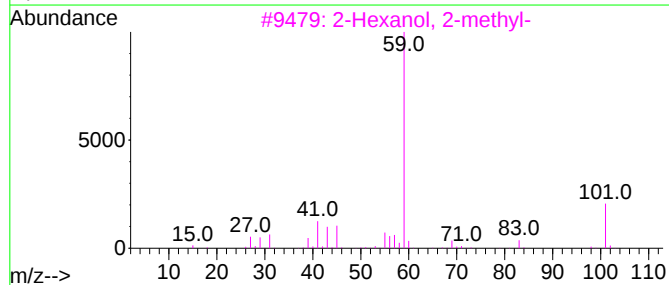
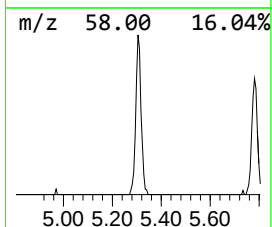
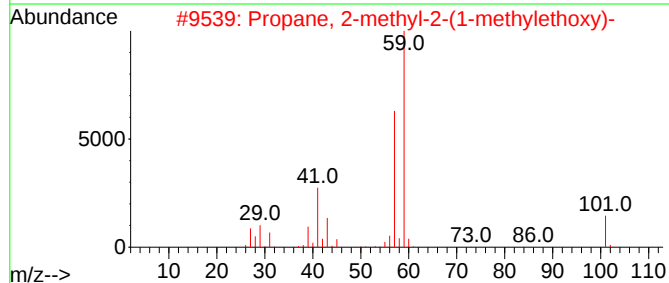
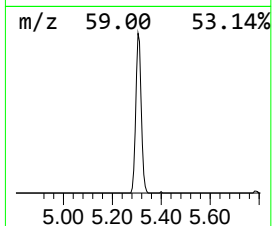
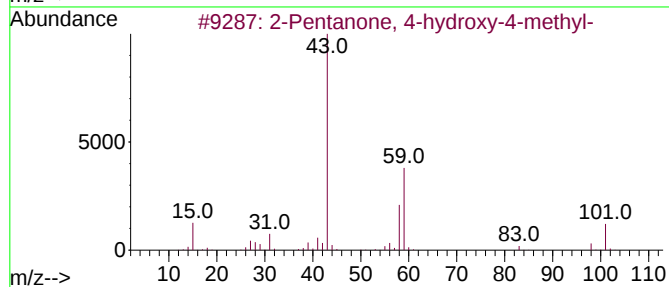
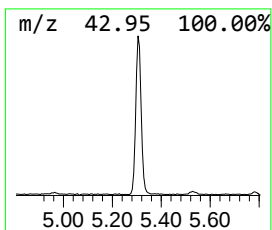
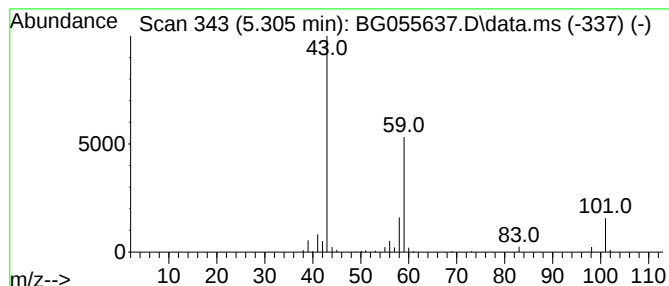
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 5.305 | 10.80 ng | 139865 | 1,4-Dichlorobenzene-d4 | 8.254 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 59      |      |      |
| 2    | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O       | 017348-59-3 | 36      |      |      |
| 3    | 2-Hexanol, 2-methyl-                | 116 | C7H16O       | 000625-23-0 | 28      |      |      |
| 4    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2      | 000057-71-6 | 27      |      |      |
| 5    | 1-Propen-2-ol, acetate              | 100 | C5H8O2       | 000108-22-5 | 10      |      |      |



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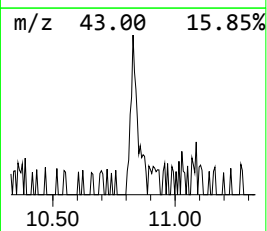
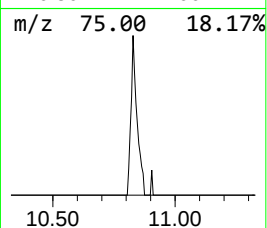
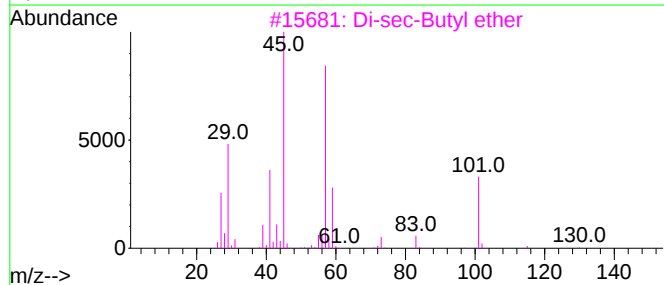
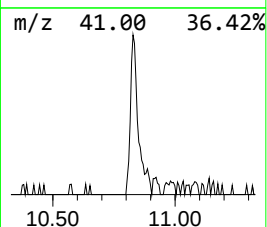
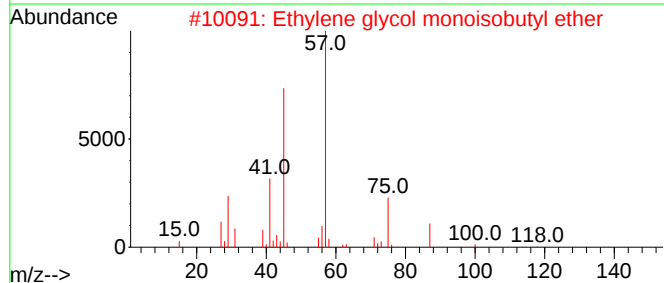
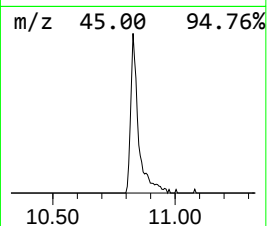
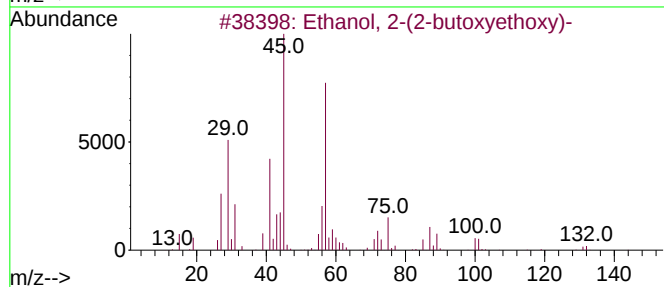
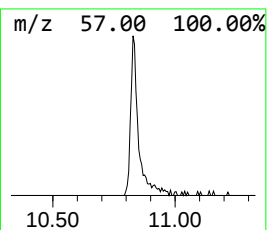
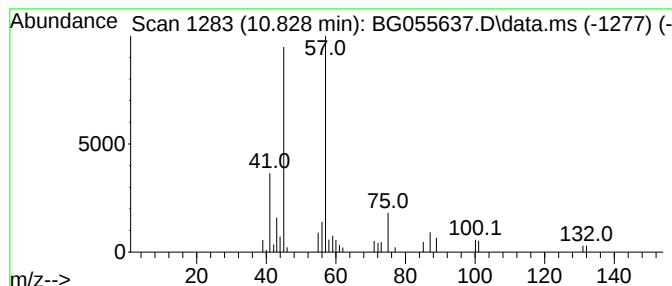
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 10.828 | 2.99 ng | 57721 | Naphthalene-d8   | 11.086 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3 | 000112-34-5 | 72   |
| 2    |    |   | Ethylene glycol monoisobutyl ether  | 118 | C6H14O2 | 004439-24-1 | 64   |
| 3    |    |   | Di-sec-Butyl ether                  | 130 | C8H18O  | 006863-58-7 | 53   |
| 4    |    |   | 3,3-Dimethylbutane-2-ol             | 102 | C6H14O  | 000464-07-3 | 53   |
| 5    |    |   | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3 | 018912-80-6 | 50   |



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BNA\_G  
ClientSampleId :  
NP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

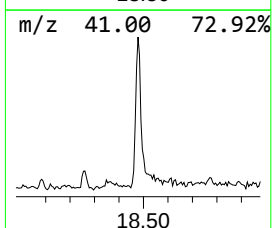
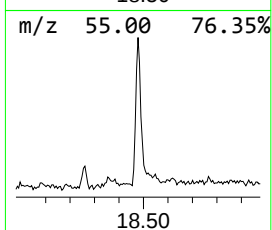
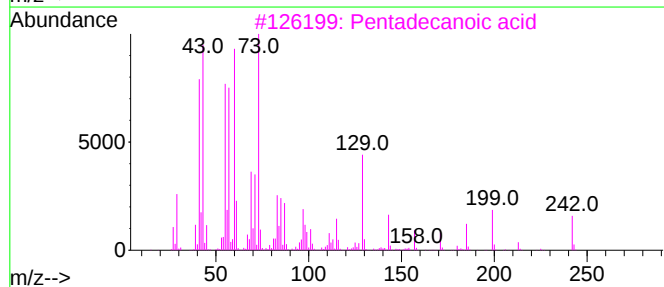
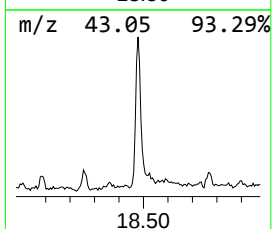
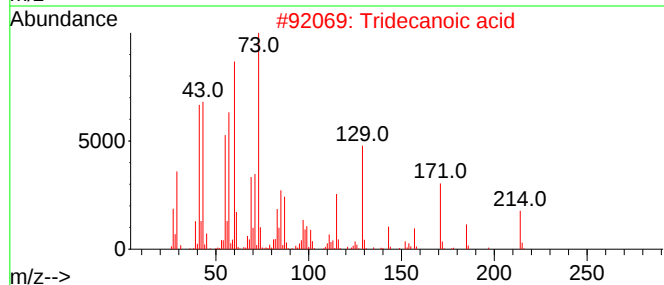
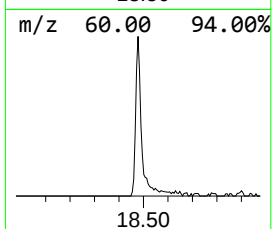
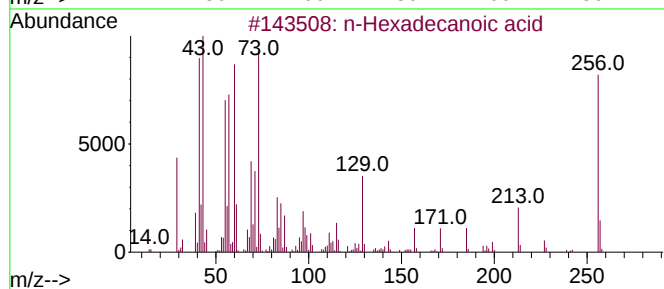
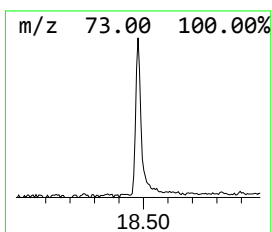
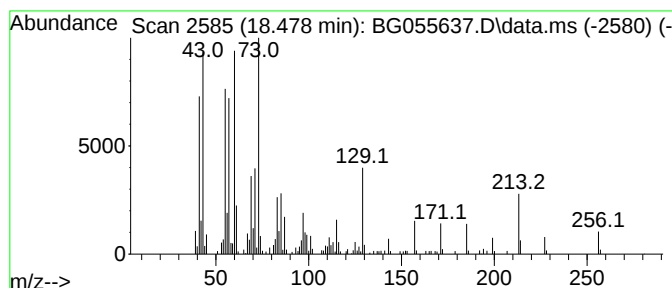
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.478 | 6.26 ng | 246259 | Phenanthrene-d10 | 17.620 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 95   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 87   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 74   |
| 5    |    |   | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 62   |



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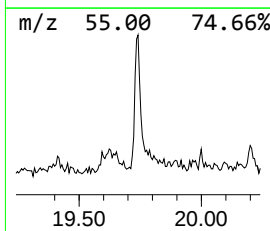
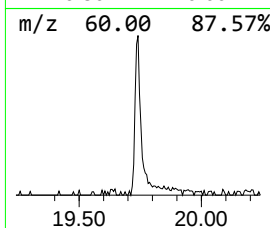
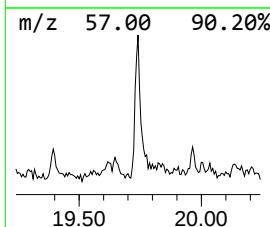
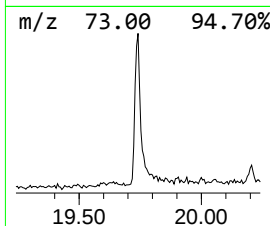
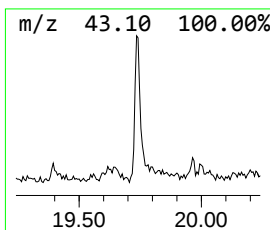
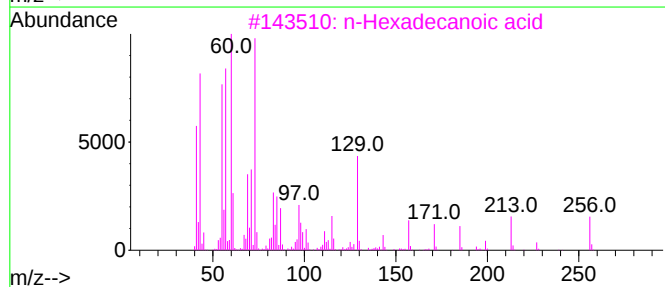
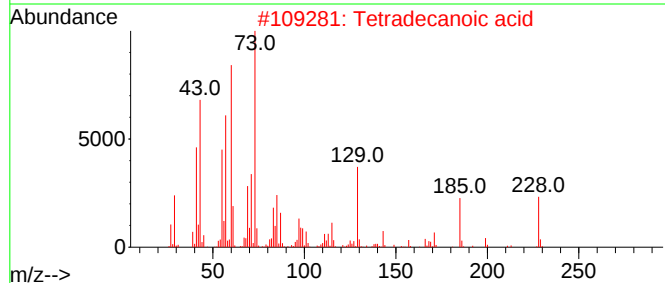
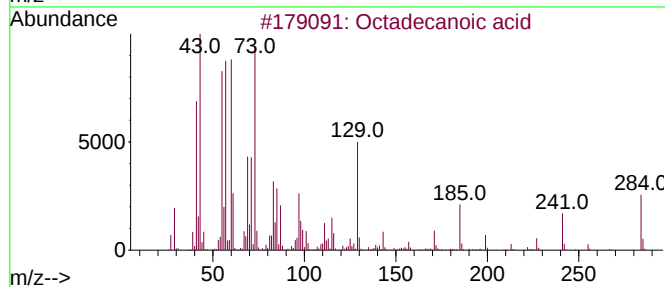
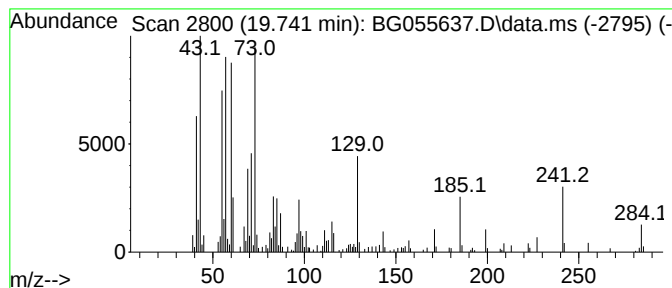
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Octadecanoic acid Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.741 | 4.46 ng | 175441 | Phenanthrene-d10 | 17.620 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 83   |
| 3    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 76   |
| 4    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 64   |
| 5    |    |   | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 64   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110922.M  
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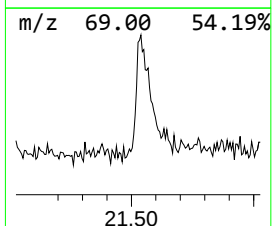
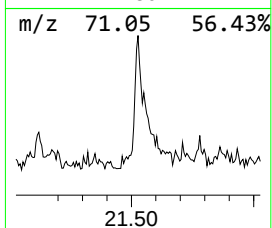
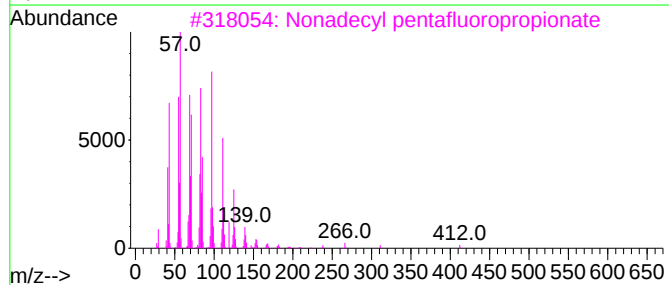
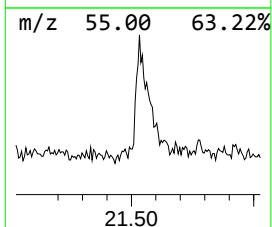
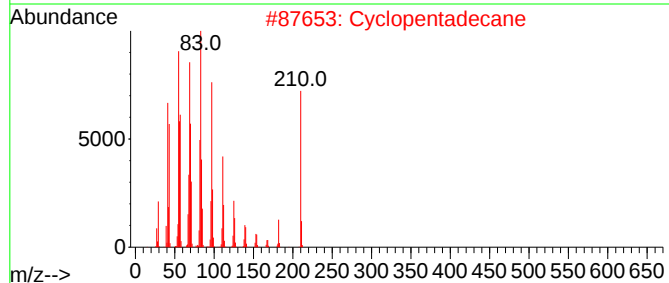
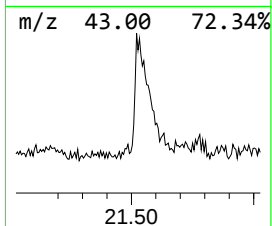
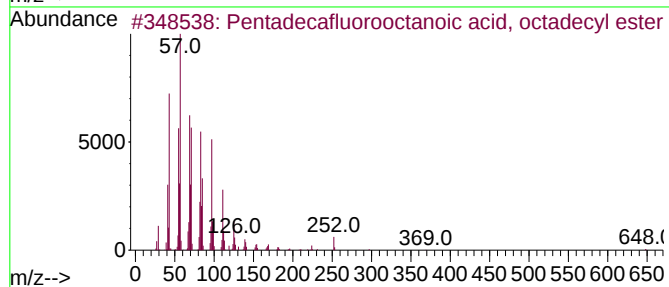
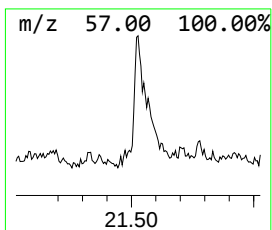
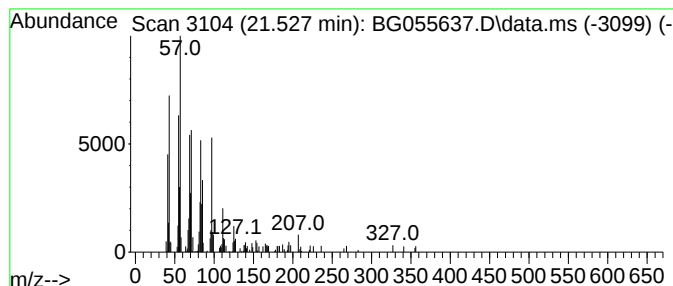
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Pentadecafluorooctanoic aci... Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.527 | 4.88 ng | 208928 | Chrysene-d12     | 21.915 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 94   |
| 2    |    |   | Cyclopentadecane                    | 210 | C15H30      | 000295-48-7  | 91   |
| 3    |    |   | Nonadecyl pentafluoropropionate     | 430 | C22H39F5O2  | 1000351-88-8 | 91   |
| 4    |    |   | Eicosyl heptafluorobutyrate         | 494 | C24H41F7O2  | 1000351-83-5 | 91   |
| 5    |    |   | Docosyl pentafluoropropionate       | 472 | C25H45F5O2  | 1000351-80-9 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111522\  
Data File : BG055637.D  
Acq On : 16 Nov 2022 1:16  
Operator : CG/JU  
Sample : N5608-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
NP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110922.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 |
| 2-Pentanone, 4-... | 5.305  | 10.8    | ng    | 139865   | 1                     | 8.254  | 259059 | 20.0 |
| Ethanol, 2-(2-b... | 10.828 | 3.0     | ng    | 57721    | 2                     | 11.086 | 385726 | 20.0 |
| n-Hexadecanoic ... | 18.478 | 6.3     | ng    | 246259   | 4                     | 17.620 | 786747 | 20.0 |
| Octadecanoic acid  | 19.741 | 4.5     | ng    | 175441   | 4                     | 17.620 | 786747 | 20.0 |
| Pentadecafluoro... | 21.527 | 4.9     | ng    | 208928   | 5                     | 21.915 | 856674 | 20.0 |