

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM033123\  
 Data File : BM039264.D  
 Acq On : 31 Mar 2023 21:50  
 Operator : CG/JU  
 Sample : 02104-05  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-37-GW01

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\_M\Methods\8270-BM032923.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039264.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         | 4.775       | 245           | 253         | 263          | rVB      | 106080         | 187543        | 1.68%           | 0.320%        |
| 2         | 5.010       | 285           | 293         | 302          | rVB      | 962398         | 1365365       | 12.24%          | 2.331%        |
| 3         | 5.475       | 366           | 372         | 380          | rBV      | 2624545        | 3626760       | 32.51%          | 6.193%        |
| 4         | 7.081       | 636           | 645         | 660          | rBV      | 1564558        | 2644088       | 23.70%          | 4.515%        |
| 5         | 7.916       | 778           | 787         | 793          | rBV      | 822251         | 1253387       | 11.24%          | 2.140%        |
| 6         | 7.981       | 793           | 798         | 804          | rVV      | 205520         | 308557        | 2.77%           | 0.527%        |
| 7         | 8.134       | 819           | 824         | 835          | rVB      | 74391          | 129044        | 1.16%           | 0.220%        |
| 8         | 9.086       | 979           | 986         | 996          | rBV      | 2719230        | 4299333       | 38.54%          | 7.341%        |
| 9         | 9.222       | 1002          | 1009        | 1023         | rVB      | 164035         | 300255        | 2.69%           | 0.513%        |
| 10        | 10.504      | 1222          | 1227        | 1239         | rBV      | 80841          | 169517        | 1.52%           | 0.289%        |
| 11        | 10.728      | 1256          | 1265        | 1270         | rBV      | 988810         | 1672715       | 15.00%          | 2.856%        |
| 12        | 10.775      | 1270          | 1273        | 1281         | rVB      | 150129         | 247342        | 2.22%           | 0.422%        |
| 13        | 11.280      | 1351          | 1359        | 1372         | rBV      | 174062         | 393723        | 3.53%           | 0.672%        |
| 14        | 11.386      | 1372          | 1377        | 1383         | rVB      | 67310          | 123954        | 1.11%           | 0.212%        |
| 15        | 13.186      | 1674          | 1683        | 1701         | rBV      | 6268882        | 9165523       | 82.16%          | 15.651%       |
| 16        | 14.563      | 1909          | 1917        | 1923         | rBV      | 1411327        | 2015333       | 18.07%          | 3.441%        |
| 17        | 14.627      | 1923          | 1928        | 1936         | rVB      | 154619         | 240052        | 2.15%           | 0.410%        |
| 18        | 14.851      | 1961          | 1966        | 1977         | rBV      | 204393         | 364686        | 3.27%           | 0.623%        |
| 19        | 15.280      | 2034          | 2039        | 2050         | rBV      | 237190         | 502096        | 4.50%           | 0.857%        |
| 20        | 15.921      | 2141          | 2148        | 2158         | rVB      | 518623         | 692059        | 6.20%           | 1.182%        |
| 21        | 16.051      | 2160          | 2170        | 2180         | rBV      | 4558895        | 6638466       | 59.51%          | 11.336%       |
| 22        | 16.580      | 2252          | 2260        | 2264         | rBV      | 59341          | 113068        | 1.01%           | 0.193%        |
| 23        | 17.309      | 2378          | 2384        | 2388         | rBV      | 1605417        | 2148303       | 19.26%          | 3.668%        |
| 24        | 17.351      | 2388          | 2391        | 2397         | rVB      | 181314         | 239454        | 2.15%           | 0.409%        |
| 25        | 18.204      | 2531          | 2536        | 2546         | rBV      | 401108         | 673183        | 6.03%           | 1.150%        |
| 26        | 18.603      | 2600          | 2604        | 2615         | rBV2     | 99340          | 279763        | 2.51%           | 0.478%        |
| 27        | 18.856      | 2643          | 2647        | 2654         | rBV      | 159241         | 186190        | 1.67%           | 0.318%        |
| 28        | 19.374      | 2730          | 2735        | 2741         | rBV2     | 241208         | 327503        | 2.94%           | 0.559%        |
| 29        | 19.480      | 2749          | 2753        | 2763         | rBV2     | 234462         | 378859        | 3.40%           | 0.647%        |
| 30        | 19.621      | 2772          | 2777        | 2785         | rVB      | 746356         | 866304        | 7.77%           | 1.479%        |
| 31        | 19.833      | 2809          | 2813        | 2819         | rBV      | 285189         | 336858        | 3.02%           | 0.575%        |
| 32        | 19.933      | 2824          | 2830        | 2836         | rBV      | 9337809        | 11155108      | 100.00%         | 19.048%       |
| 33        | 21.197      | 3038          | 3045        | 3054         | rBV5     | 376147         | 822582        | 7.37%           | 1.405%        |
| 34        | 21.492      | 3090          | 3095        | 3100         | rBV      | 1720057        | 2210793       | 19.82%          | 3.775%        |
| 35        | 23.903      | 3499          | 3505        | 3513         | rVB2     | 1252491        | 2484429       | 22.27%          | 4.242%        |

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Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-37-GW01

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\_M\Methods\8270-BM032923.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

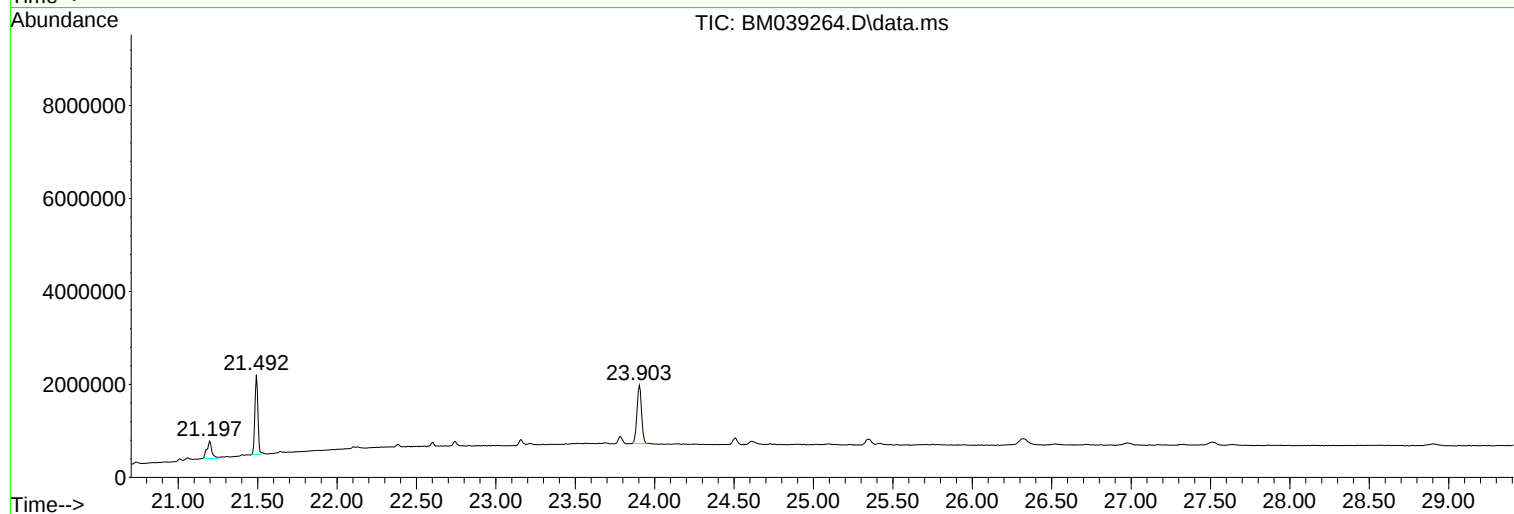
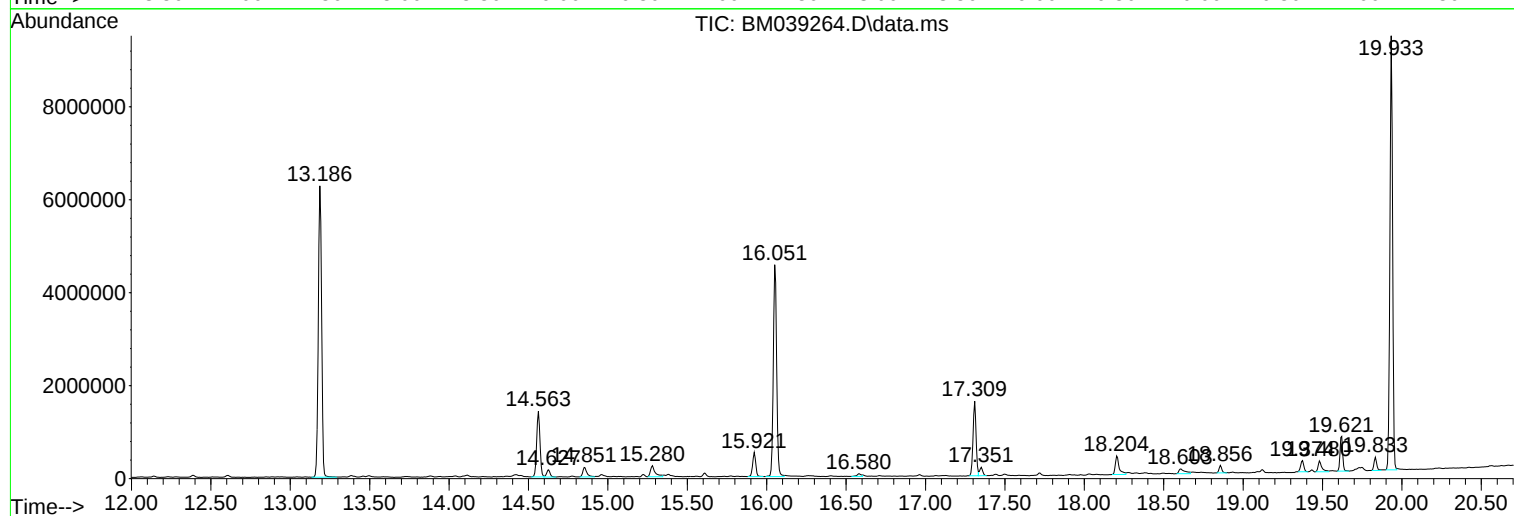
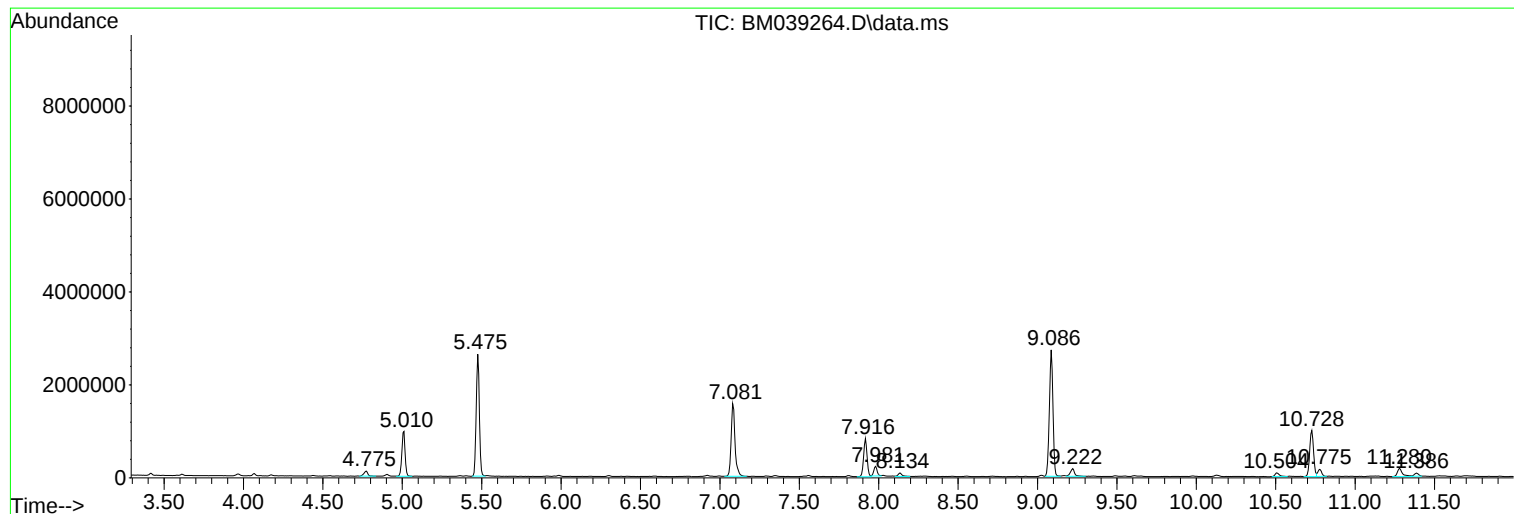
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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B-37-GW01

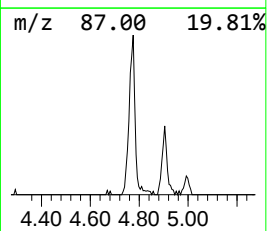
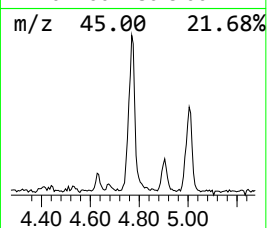
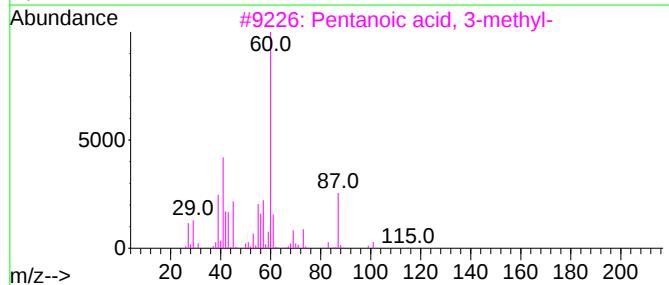
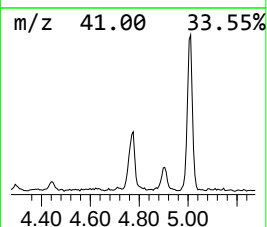
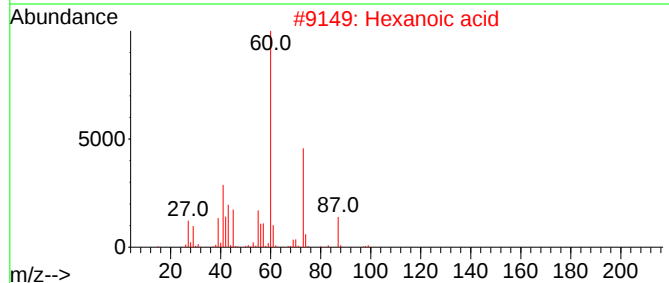
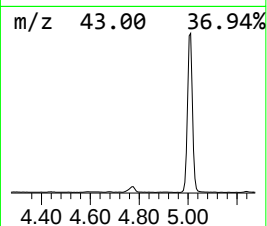
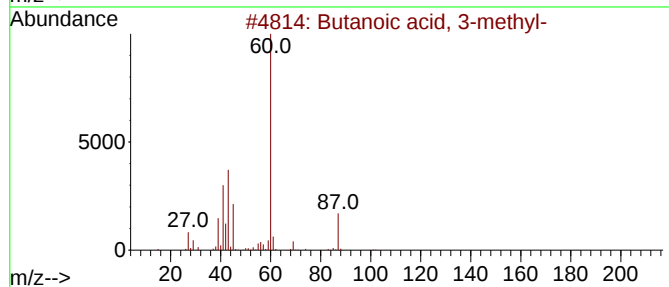
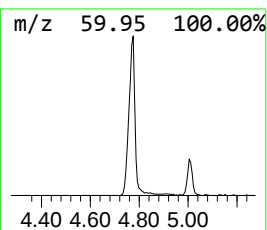
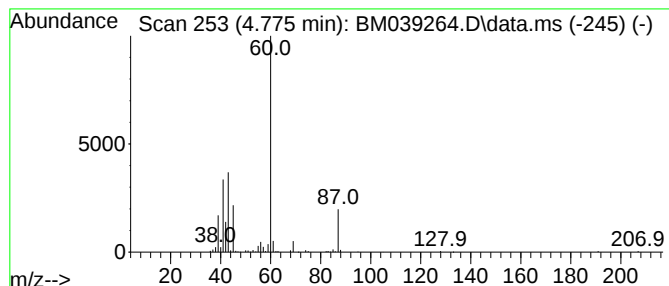
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Butanoic acid, 3-methyl- Concentration Rank 14

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.775 | 2.99 ng | 187543 | 1,4-Dichlorobenzene-d4 | 7.916 |

| Hit# | of 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|------|---------------------------|-----|---------|-------------|------|
| 1    |      | Butanoic acid, 3-methyl-  | 102 | C5H10O2 | 000503-74-2 | 83   |
| 2    |      | Hexanoic acid             | 116 | C6H12O2 | 000142-62-1 | 64   |
| 3    |      | Pentanoic acid, 3-methyl- | 116 | C6H12O2 | 000105-43-1 | 40   |
| 4    |      | Butanoic acid             | 88  | C4H8O2  | 000107-92-6 | 40   |
| 5    |      | Heptanoic acid            | 130 | C7H14O2 | 000111-14-8 | 39   |



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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

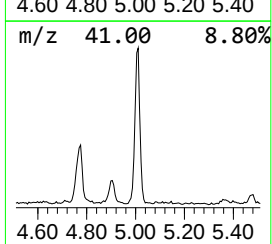
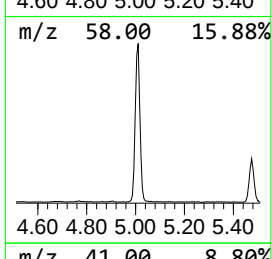
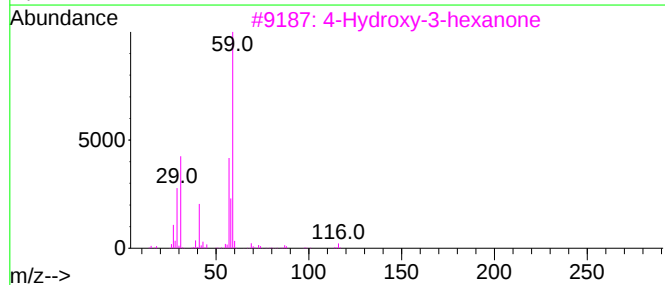
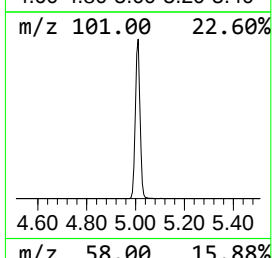
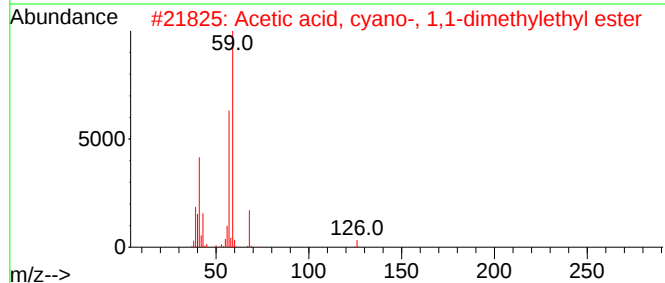
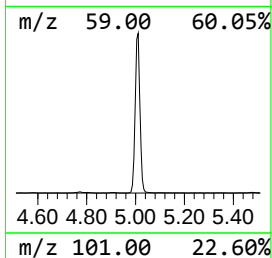
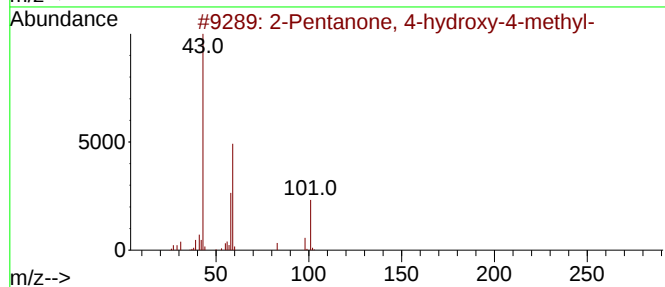
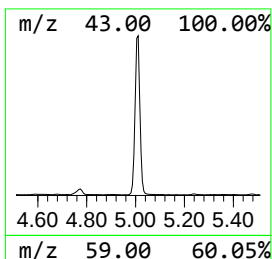
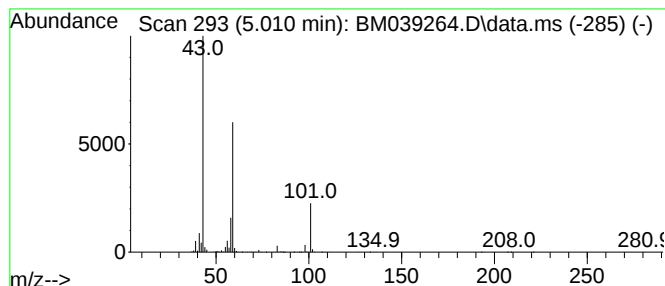
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 5.010 | 21.79 ng | 1365370 | 1,4-Dichlorobenzene-d4 | 7.916 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 3    |    |   | 4-Hydroxy-3-hexanone                | 116 | C6H12O2  | 004984-85-4 | 17   |
| 4    |    |   | 2,3-Butanedione, monooxime          | 101 | C4H7NO2  | 000057-71-6 | 17   |
| 5    |    |   | 1-Propen-2-ol, acetate              | 100 | C5H8O2   | 000108-22-5 | 10   |



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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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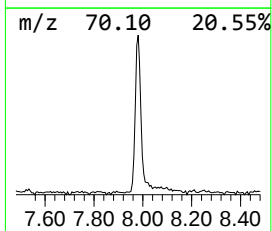
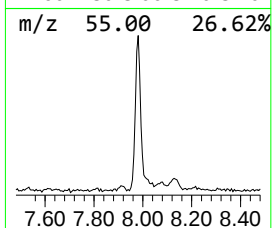
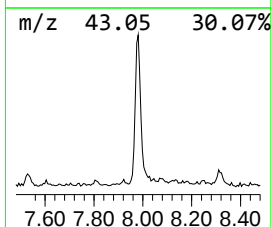
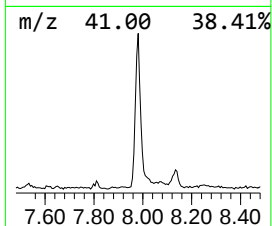
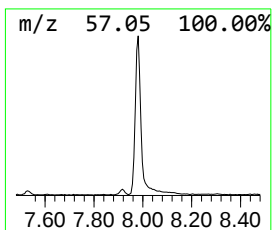
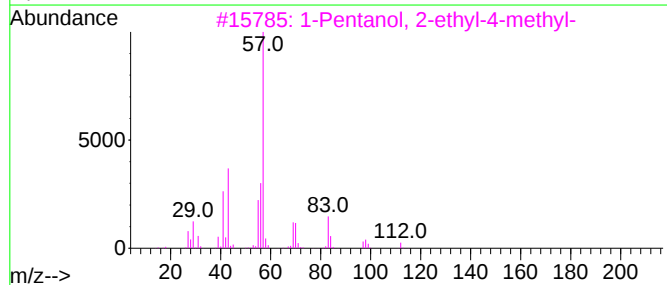
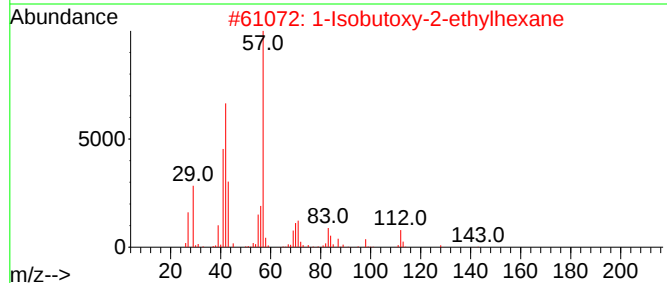
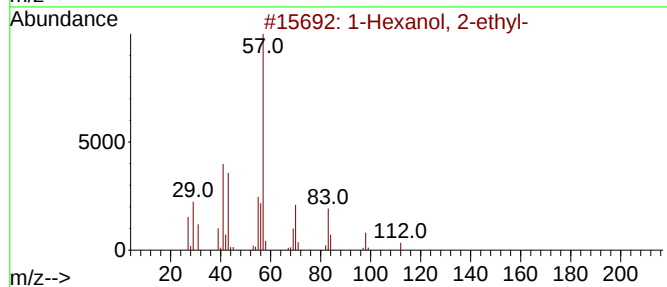
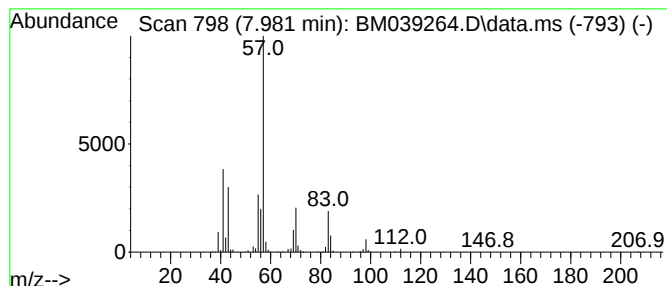
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 7.981 | 4.92 ng | 308557 | 1,4-Dichlorobenzene-d4 | 7.916 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 1-Hexanol, 2-ethyl-                 | 130 | C8H18O   | 000104-76-7  | 90   |
| 2    |    |   | 1-Isobutoxy-2-ethylhexane           | 186 | C12H26O  | 1000139-90-3 | 78   |
| 3    |    |   | 1-Pentanol, 2-ethyl-4-methyl-       | 130 | C8H18O   | 000106-67-2  | 56   |
| 4    |    |   | Carbonic acid, isobutyl 2-ethylh... | 230 | C13H26O3 | 1000383-13-3 | 53   |
| 5    |    |   | 2-Propyl-1-pentanol                 | 130 | C8H18O   | 058175-57-8  | 53   |



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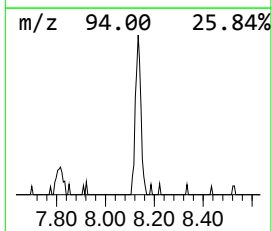
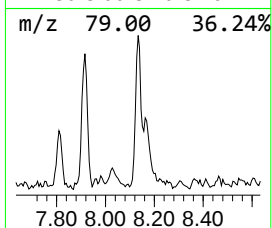
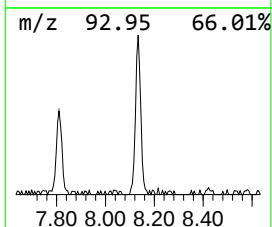
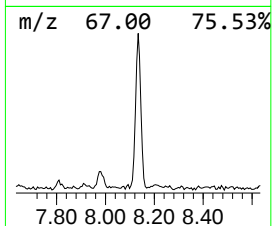
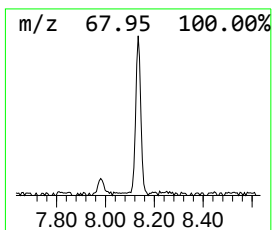
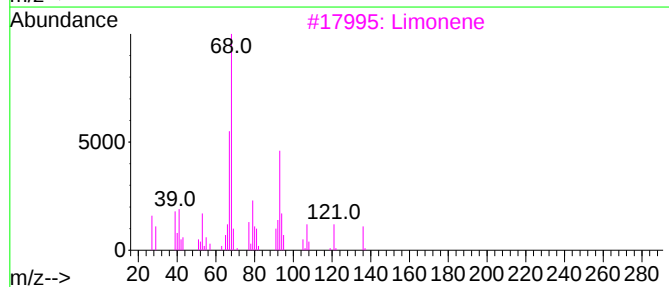
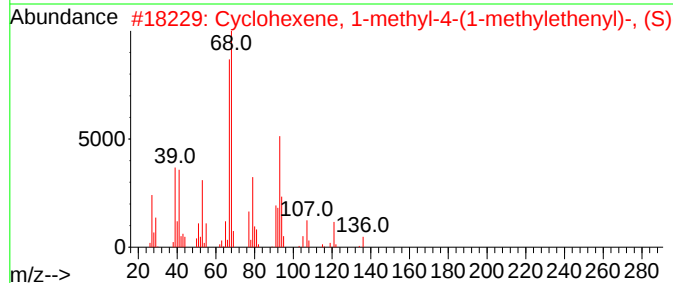
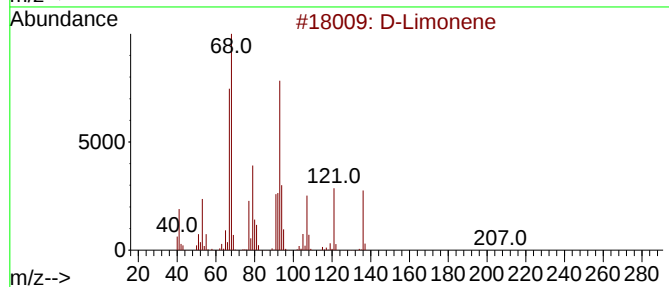
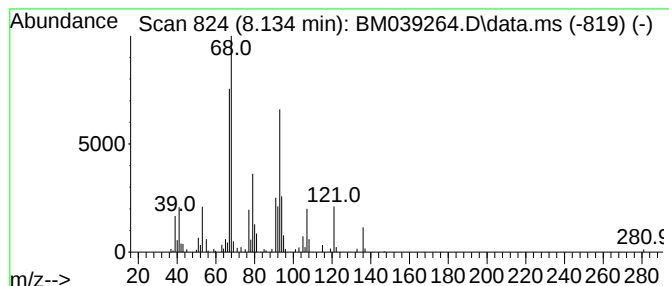
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 D-Limonene Concentration Rank 17

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 8.134 | 2.06 ng | 129044 | 1,4-Dichlorobenzene-d4 | 7.916 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | D-Limonene                          | 136 | C10H16  | 005989-27-5 | 98   |
| 2    |    |   | Cyclohexene, 1-methyl-4-(1-methy... | 136 | C10H16  | 005989-54-8 | 94   |
| 3    |    |   | Limonene                            | 136 | C10H16  | 000138-86-3 | 93   |
| 4    |    |   | 1,5-Cyclooctadiene, 1,5-dimethyl-   | 136 | C10H16  | 003760-14-3 | 86   |
| 5    |    |   | Cyclohexene, 1-methyl-5-(1-methy... | 136 | C10H16  | 013898-73-2 | 81   |



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Acq On : 31 Mar 2023 21:50  
Operator : CG/JU  
Sample : 02104-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-37-GW01

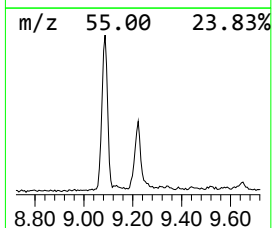
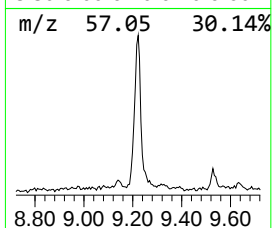
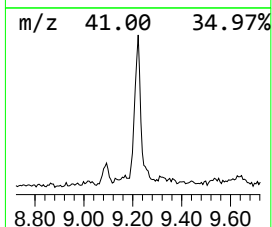
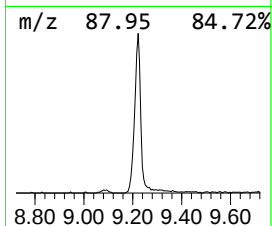
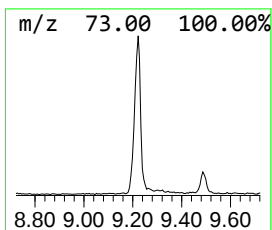
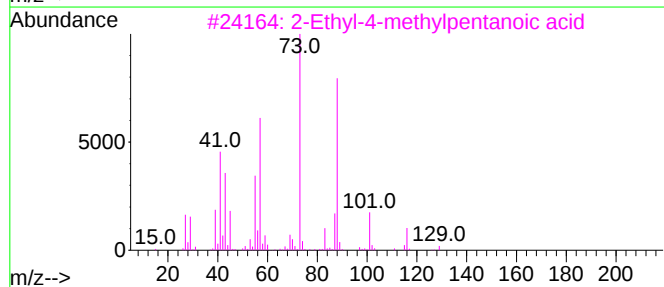
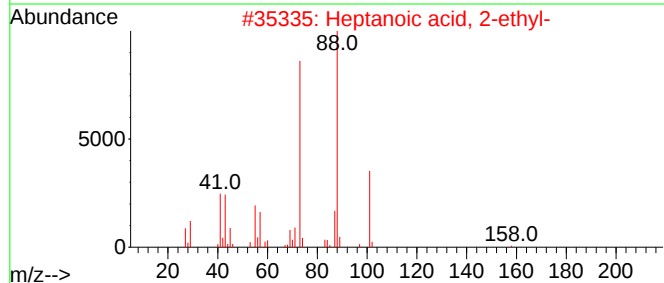
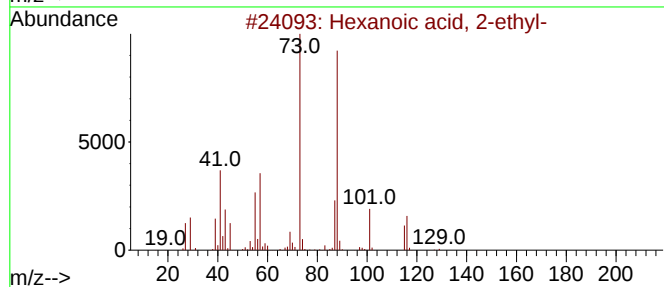
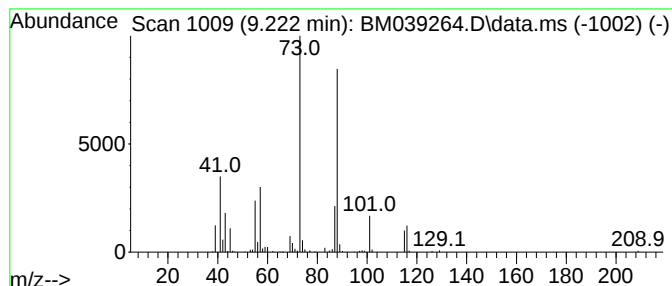
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 9.222 | 4.79 ng | 300255 | 1,4-Dichlorobenzene-d4 | 7.916 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Hexanoic acid, 2-ethyl-             | 144 | C8H16O2  | 000149-57-5 | 90   |
| 2    |    |   | Heptanoic acid, 2-ethyl-            | 158 | C9H18O2  | 003274-29-1 | 59   |
| 3    |    |   | 2-Ethyl-4-methylpentanoic acid      | 144 | C8H16O2  | 000108-81-6 | 56   |
| 4    |    |   | Butanoic acid, 2-methyl-, methyl... | 116 | C6H12O2  | 000868-57-5 | 47   |
| 5    |    |   | Butanoic acid, 2-ethyl-, 1,2,3-p... | 386 | C21H38O6 | 056554-54-2 | 42   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM033123\  
Data File : BM039264.D  
Acq On : 31 Mar 2023 21:50  
Operator : CG/JU  
Sample : 02104-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-37-GW01

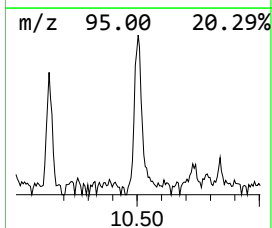
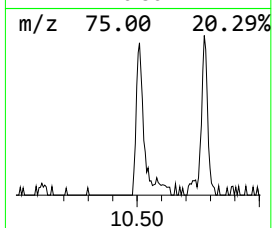
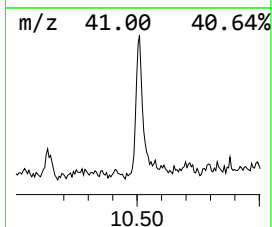
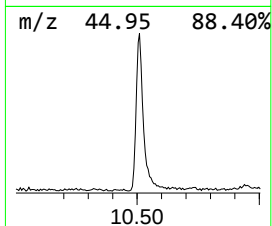
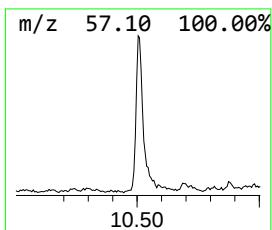
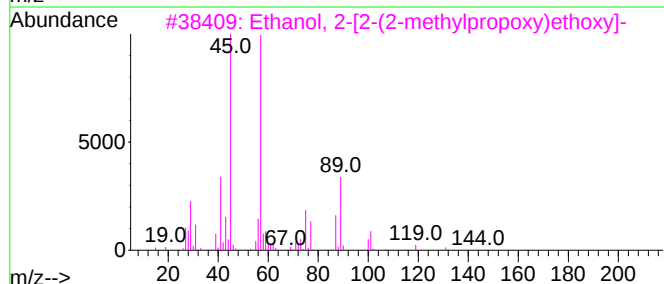
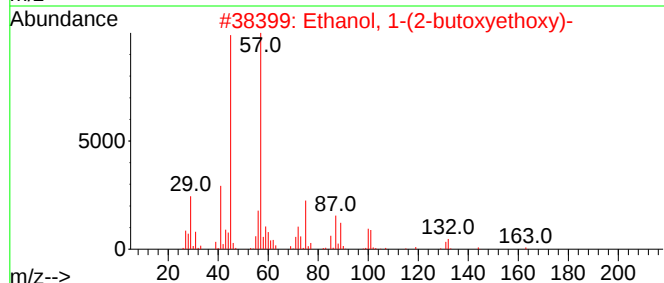
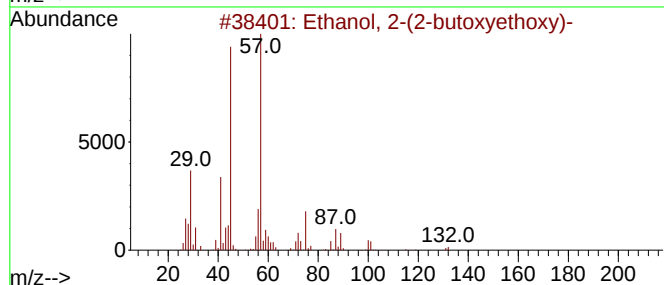
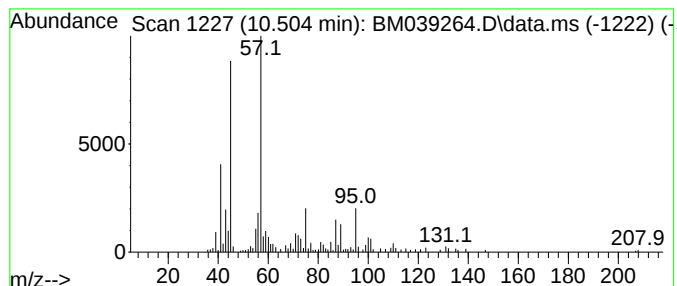
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 6 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 18

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.504 | 2.03 ng | 169517 | Naphthalene-d8   | 10.727 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Ethanol, 2-(2-butoxyethoxy)-        | 162 | C8H18O3  | 000112-34-5 | 80   |
| 2    |    |   | Ethanol, 1-(2-butoxyethoxy)-        | 162 | C8H18O3  | 054446-78-5 | 80   |
| 3    |    |   | Ethanol, 2-[2-(2-methylpropoxy)e... | 162 | C8H18O3  | 018912-80-6 | 59   |
| 4    |    |   | 3,6,9,12-Tetraoxahexadecan-1-ol     | 250 | C12H26O5 | 001559-34-8 | 50   |
| 5    |    |   | 3,3-Dimethylbutane-2-ol             | 102 | C6H14O   | 000464-07-3 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM033123\  
Data File : BM039264.D  
Acq On : 31 Mar 2023 21:50  
Operator : CG/JU  
Sample : 02104-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-37-GW01

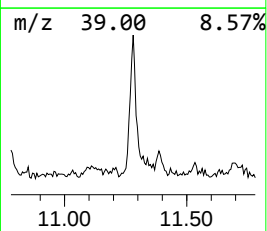
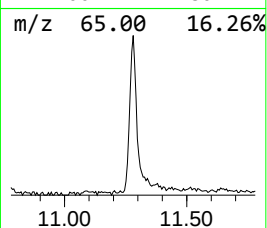
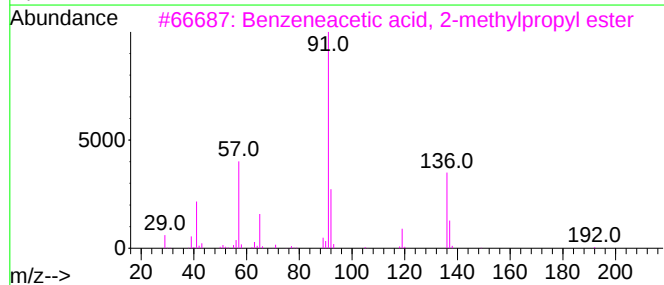
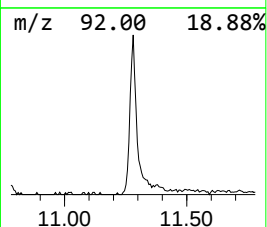
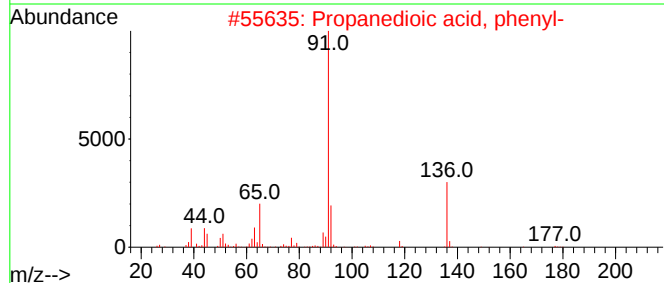
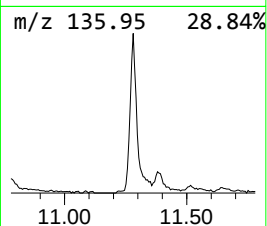
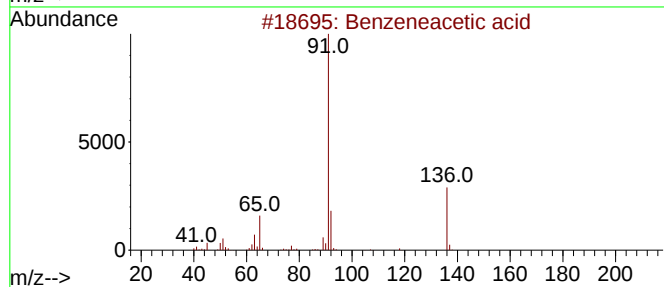
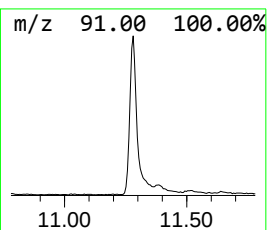
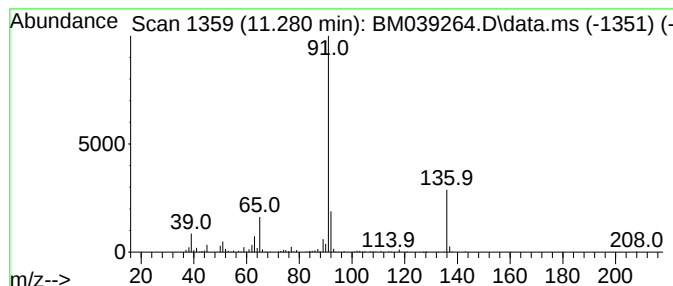
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 7 Benzeneacetic acid Concentration Rank 9

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.280 | 4.71 ng | 393723 | Naphthalene-d8   | 10.727 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzeneacetic acid                  | 136 | C8H8O2   | 000103-82-2 | 93   |
| 2    |    |   | Propanedioic acid, phenyl-          | 180 | C9H8O4   | 002613-89-0 | 86   |
| 3    |    |   | Benzeneacetic acid, 2-methylprop... | 192 | C12H16O2 | 000102-13-6 | 72   |
| 4    |    |   | Benzeneacetic acid, heptyl ester    | 234 | C15H22O2 | 039736-25-9 | 64   |
| 5    |    |   | Benzoic acid, 4-methyl-             | 136 | C8H8O2   | 000099-94-5 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM033123\  
Data File : BM039264.D  
Acq On : 31 Mar 2023 21:50  
Operator : CG/JU  
Sample : 02104-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

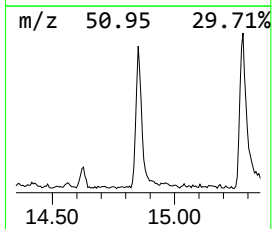
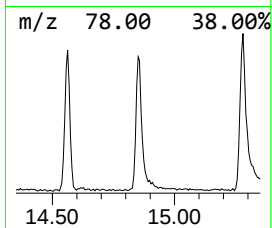
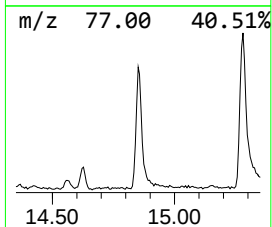
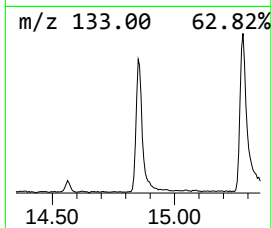
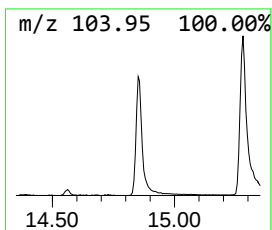
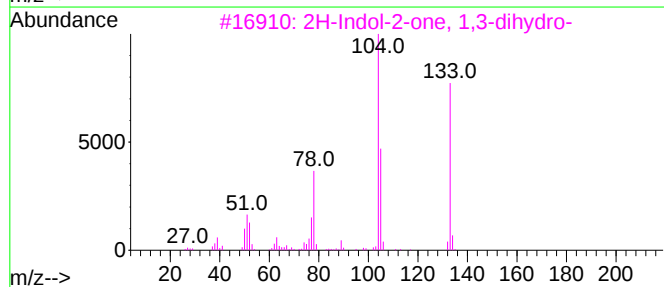
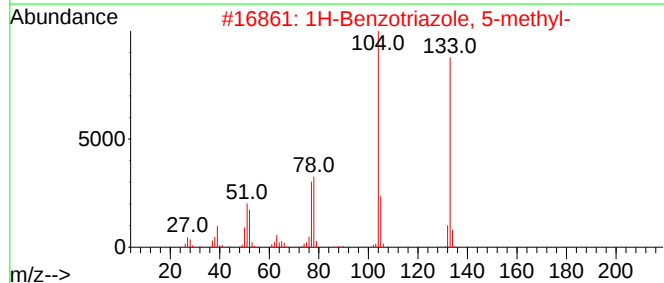
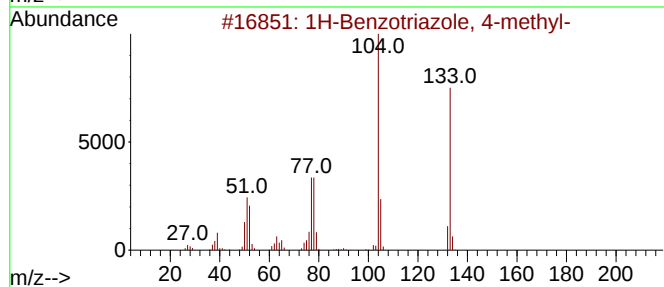
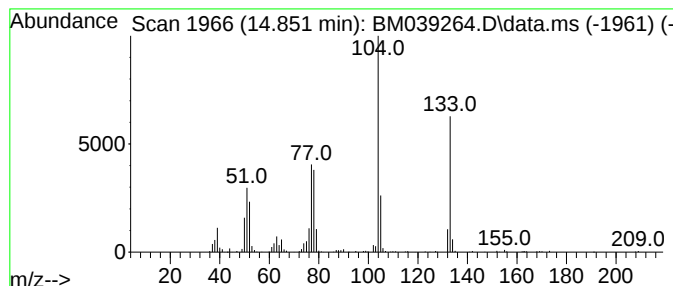
Instrument :  
BNA\_M  
ClientSampleId :  
B-37-GW01

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 1H-Benzotriazole, 4-methyl- Concentration Rank 10

| R.T.      | EstConc                         | Area   | Relative to ISTD | R.T.        |      |
|-----------|---------------------------------|--------|------------------|-------------|------|
| 14.851    | 3.62 ng                         | 364686 | Acenaphthene-d10 | 14.563      |      |
| Hit# of 5 | Tentative ID                    | MW     | MolForm          | CAS#        | Qual |
| 1         | 1H-Benzotriazole, 4-methyl-     | 133    | C7H7N3           | 029878-31-7 | 98   |
| 2         | 1H-Benzotriazole, 5-methyl-     | 133    | C7H7N3           | 000136-85-6 | 97   |
| 3         | 2H-Indol-2-one, 1,3-dihydro-    | 133    | C8H7NO           | 000059-48-3 | 72   |
| 4         | 1H-Indol-4-ol                   | 133    | C8H7NO           | 002380-94-1 | 70   |
| 5         | Benzene, 1-isocyanato-2-methyl- | 133    | C8H7NO           | 000614-68-6 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM033123\  
Data File : BM039264.D  
Acq On : 31 Mar 2023 21:50  
Operator : CG/JU  
Sample : 02104-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-37-GW01

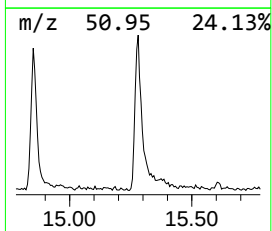
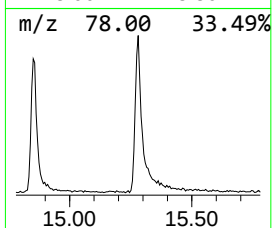
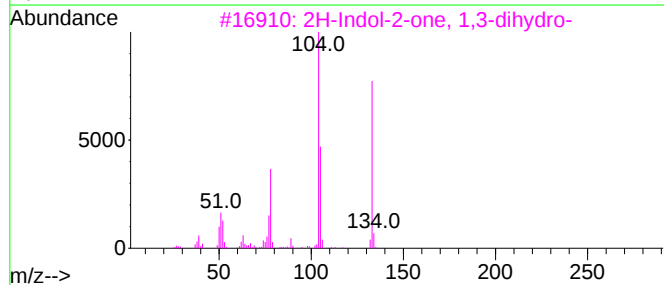
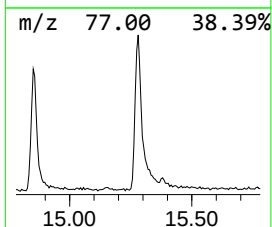
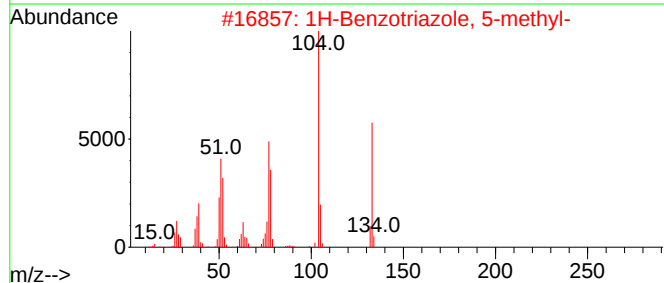
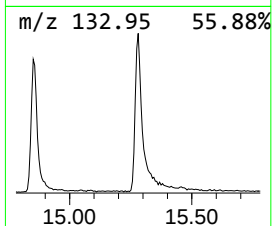
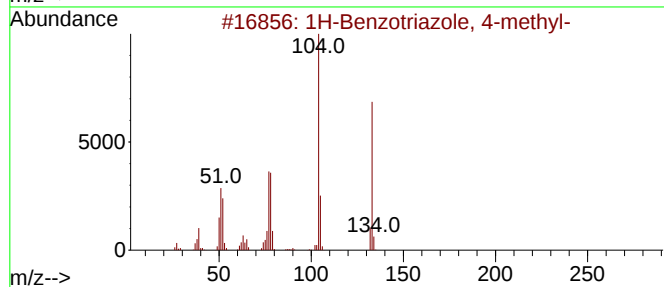
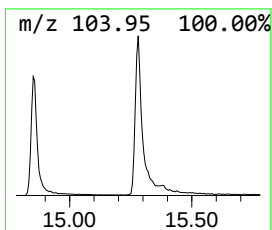
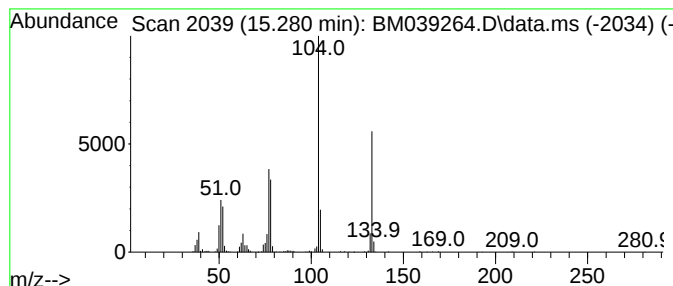
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 1H-Benzotriazole, 5-methyl- Concentration Rank 6

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.280 | 4.98 ng | 502096 | Acenaphthene-d10 | 14.563 |

| Hit# | of 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------------|-----|---------|-------------|------|
| 1    |      | 1H-Benzotriazole, 4-methyl-  | 133 | C7H7N3  | 029878-31-7 | 98   |
| 2    |      | 1H-Benzotriazole, 5-methyl-  | 133 | C7H7N3  | 000136-85-6 | 97   |
| 3    |      | 2H-Indol-2-one, 1,3-dihydro- | 133 | C8H7NO  | 000059-48-3 | 74   |
| 4    |      | Benzene, 1-azido-2-methyl-   | 133 | C7H7N3  | 031656-92-5 | 64   |
| 5    |      | 1H-Indol-4-ol                | 133 | C8H7NO  | 002380-94-1 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM033123\  
Data File : BM039264.D  
Acq On : 31 Mar 2023 21:50  
Operator : CG/JU  
Sample : 02104-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-37-GW01

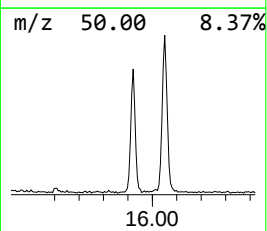
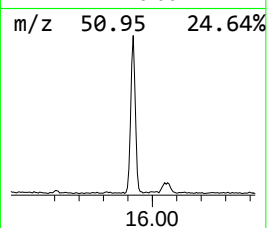
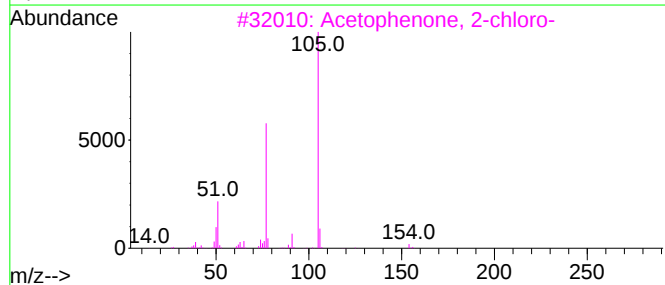
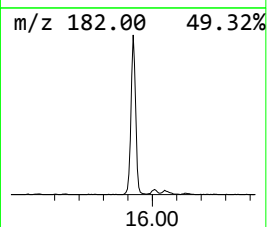
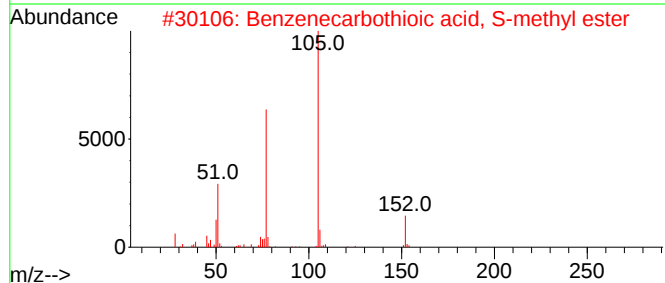
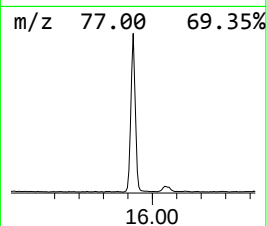
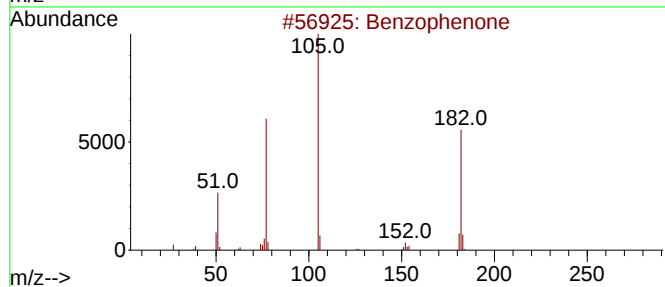
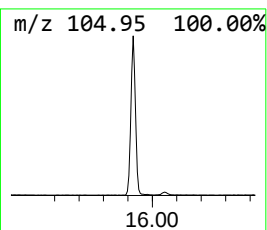
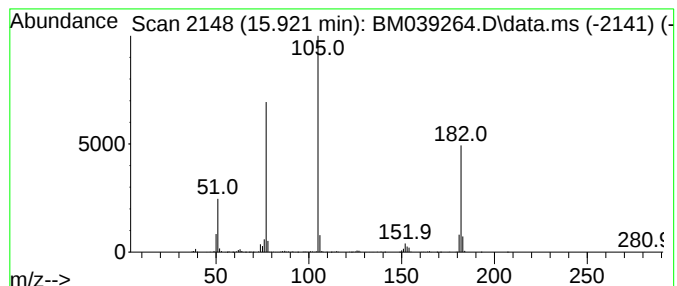
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 11 Benzophenone Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.921 | 6.87 ng | 692059 | Acenaphthene-d10 | 14.563 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O   | 000119-61-9 | 96   |
| 2    |    |   | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS    | 005925-68-8 | 50   |
| 3    |    |   | Acetophenone, 2-chloro-             | 154 | C8H7ClO   | 000532-27-4 | 49   |
| 4    |    |   | N-Methoxy-N-methylbenzamide         | 165 | C9H11NO2  | 006919-61-5 | 49   |
| 5    |    |   | Benzilamide                         | 227 | C14H13NO2 | 004746-87-6 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM033123\  
Data File : BM039264.D  
Acq On : 31 Mar 2023 21:50  
Operator : CG/JU  
Sample : 02104-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-37-GW01

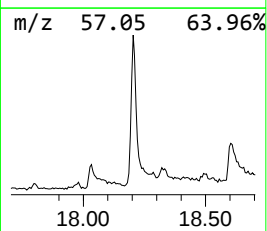
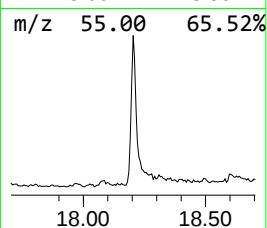
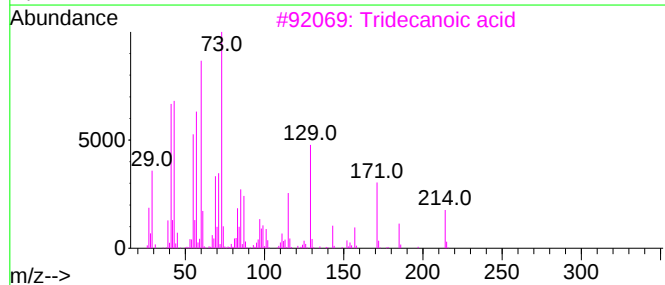
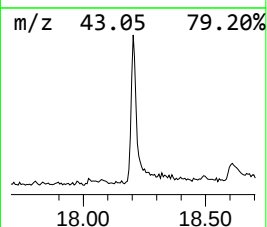
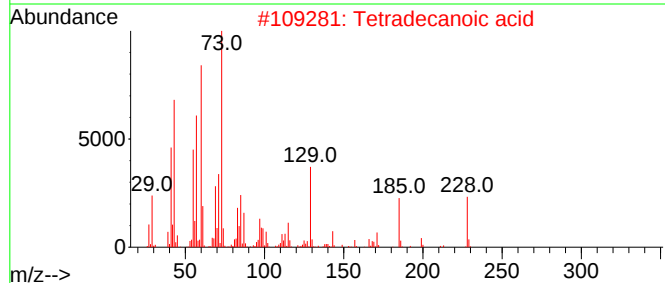
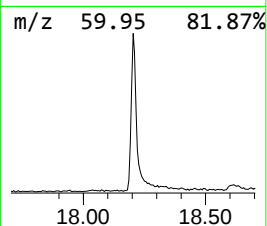
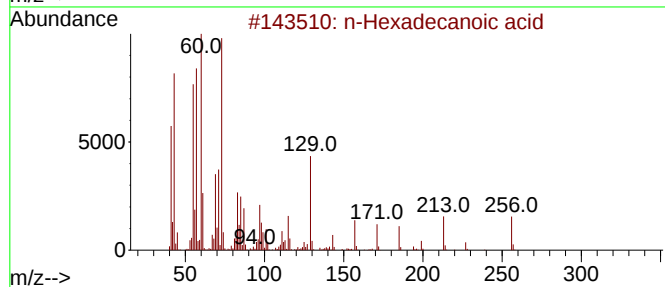
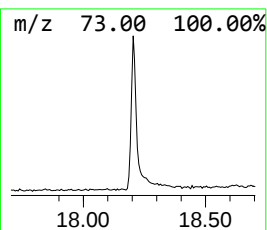
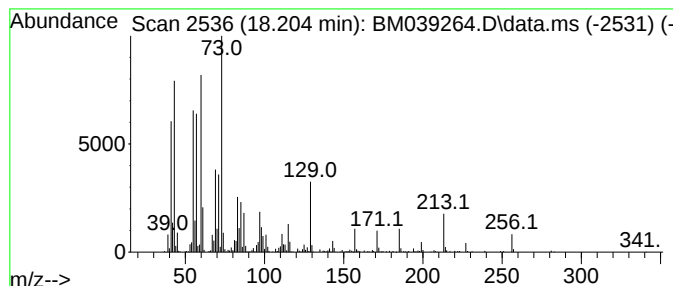
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 n-Hexadecanoic acid Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.203 | 6.27 ng | 673183 | Phenanthrene-d10 | 17.309 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 93   |
| 3    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 93   |
| 4    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 90   |
| 5    |    |   | Isopropyl palmitate | 298 | C19H38O2 | 000142-91-6 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM033123\  
Data File : BM039264.D  
Acq On : 31 Mar 2023 21:50  
Operator : CG/JU  
Sample : 02104-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-37-GW01

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

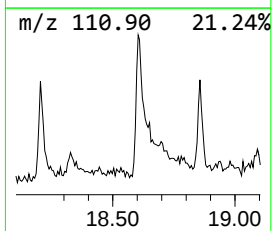
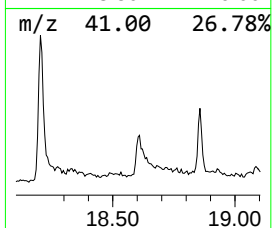
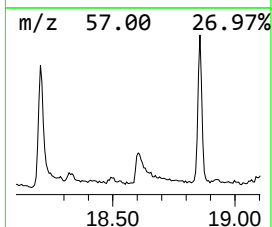
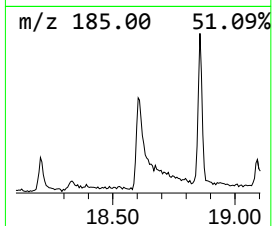
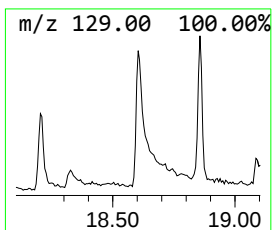
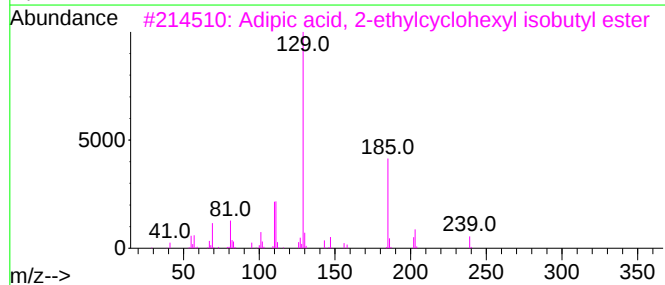
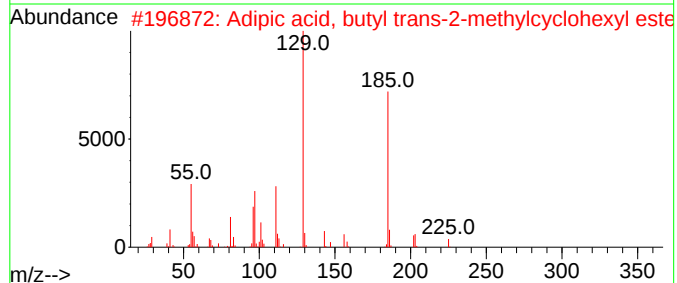
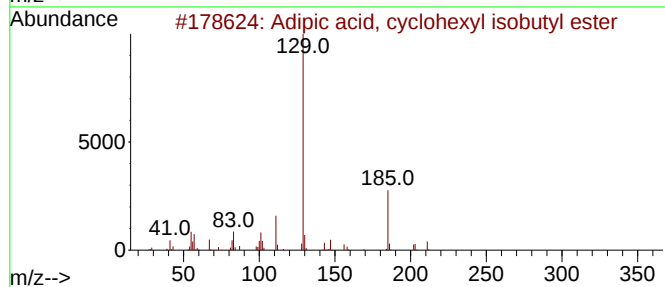
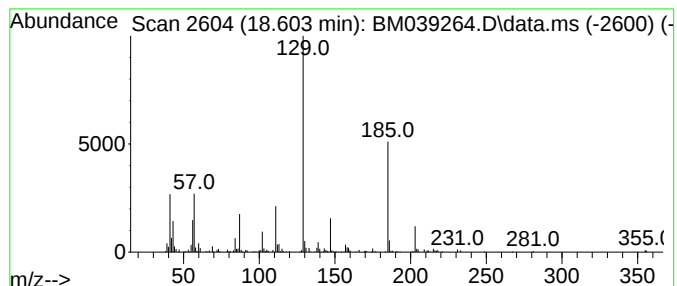
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Peak Number 13 Adipic acid, cyclohexyl iso... Concentration Rank 15

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.604 | 2.60 ng | 279763 | Phenanthrene-d10 | 17.309 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|------|-------------------------------------|-----|----------|--------------|------|
| 1    |      | Adipic acid, cyclohexyl isobutyl... | 284 | C16H28O4 | 1000324-25-8 | 64   |
| 2    |      | Adipic acid, butyl trans-2-methy... | 298 | C17H30O4 | 1000324-74-6 | 64   |
| 3    |      | Adipic acid, 2-ethylcyclohexyl i... | 312 | C18H32O4 | 1000324-22-5 | 64   |
| 4    |      | Hexanedioic acid, bis(1-methylpr... | 258 | C14H26O4 | 038447-22-2  | 59   |
| 5    |      | Adipic acid, 4-heptyl isobutyl e... | 300 | C17H32O4 | 1000349-73-6 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM033123\  
Data File : BM039264.D  
Acq On : 31 Mar 2023 21:50  
Operator : CG/JU  
Sample : 02104-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-37-GW01

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

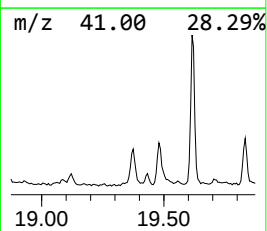
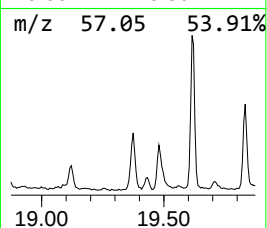
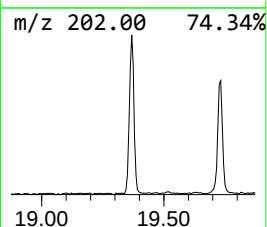
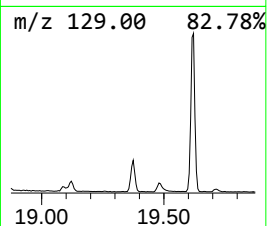
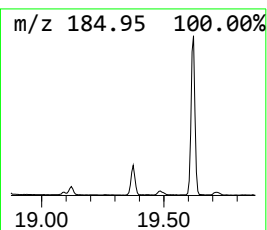
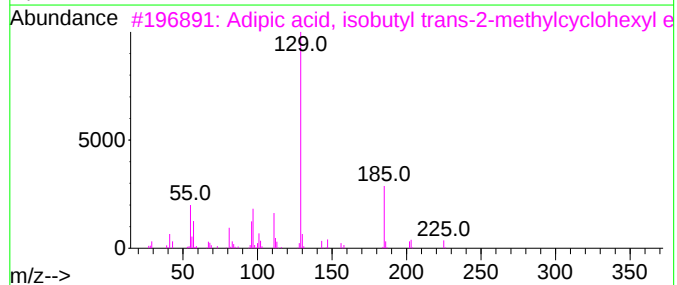
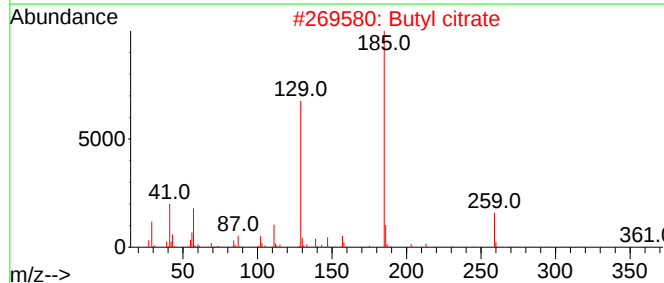
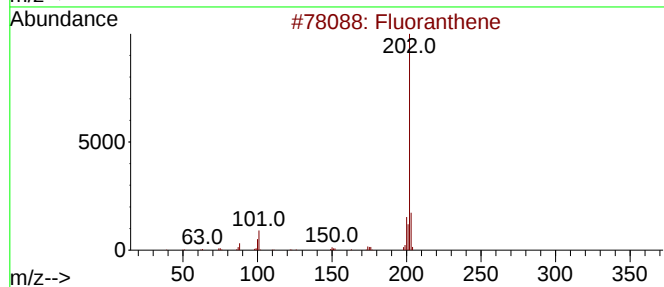
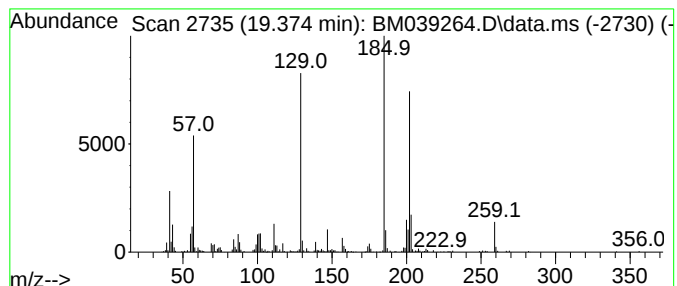
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 14 Butyl citrate Concentration Rank 12

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.374 | 3.05 ng | 327503 | Phenanthrene-d10 | 17.309 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Fluoranthene                        | 202 | C16H10   | 000206-44-0  | 64   |
| 2    |    |   | Butyl citrate                       | 360 | C18H32O7 | 000077-94-1  | 60   |
| 3    |    |   | Adipic acid, isobutyl trans-2-me... | 298 | C17H30O4 | 1000324-74-5 | 50   |
| 4    |    |   | Tributyl acetylcitrate              | 402 | C20H34O8 | 000077-90-7  | 50   |
| 5    |    |   | Adipic acid, 4-heptyl isobutyl e... | 300 | C17H32O4 | 1000349-73-6 | 49   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM033123\  
Data File : BM039264.D  
Acq On : 31 Mar 2023 21:50  
Operator : CG/JU  
Sample : 02104-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-37-GW01

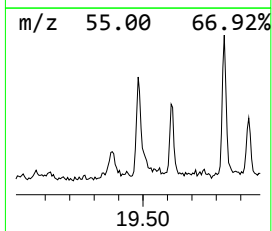
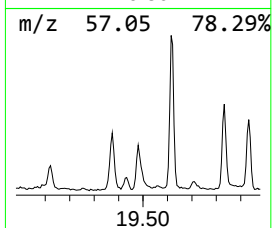
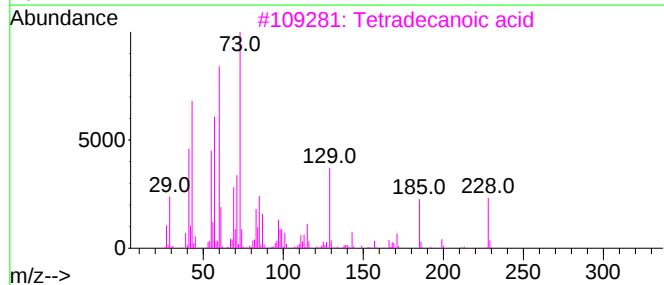
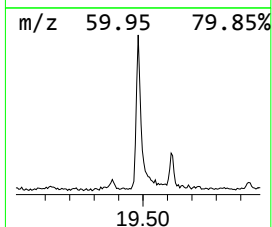
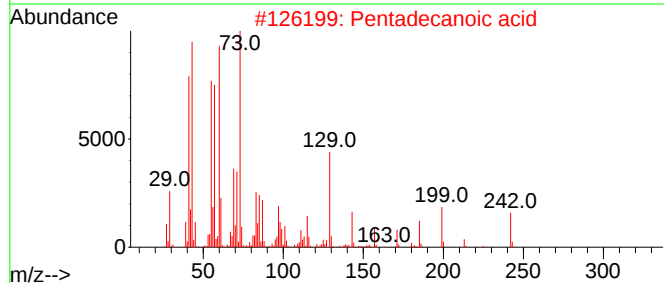
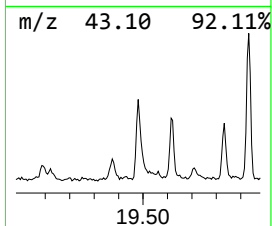
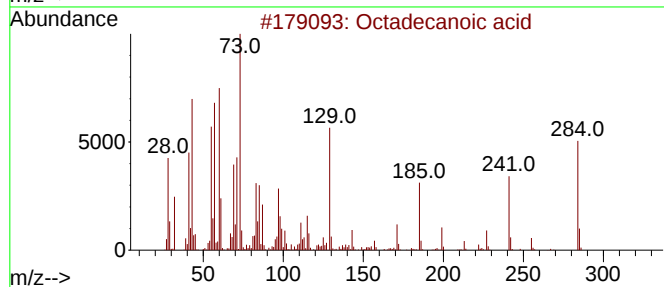
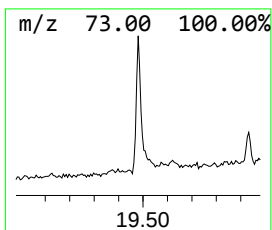
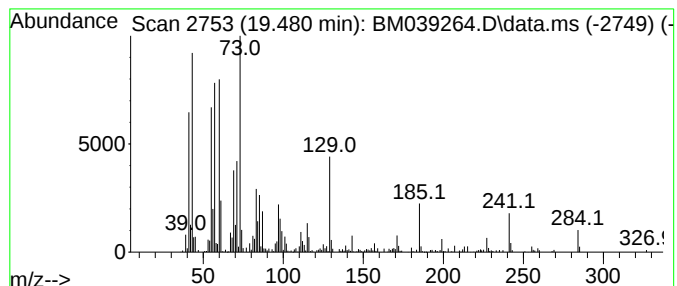
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 Octadecanoic acid Concentration Rank 11

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 19.480    | 3.43 ng                             | 378859 | Chrysene-d12     | 21.491      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Octadecanoic acid                   | 284    | C18H36O2         | 000057-11-4 | 99   |
| 2         | Pentadecanoic acid                  | 242    | C15H30O2         | 001002-84-2 | 91   |
| 3         | Tetradecanoic acid                  | 228    | C14H28O2         | 000544-63-8 | 90   |
| 4         | Octadecanoic acid, 2-(2-hydroxye... | 372    | C22H44O4         | 000106-11-6 | 86   |
| 5         | n-Hexadecanoic acid                 | 256    | C16H32O2         | 000057-10-3 | 76   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM033123\  
Data File : BM039264.D  
Acq On : 31 Mar 2023 21:50  
Operator : CG/JU  
Sample : 02104-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-37-GW01

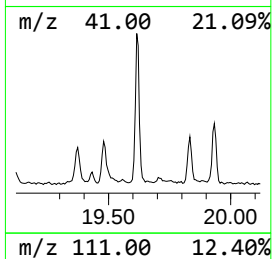
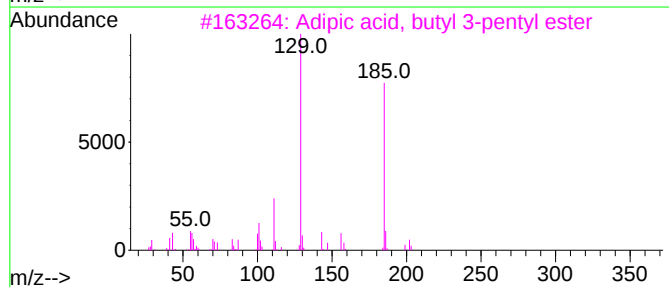
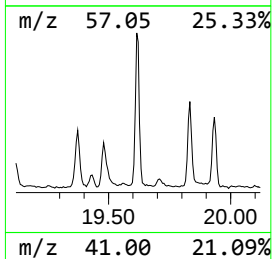
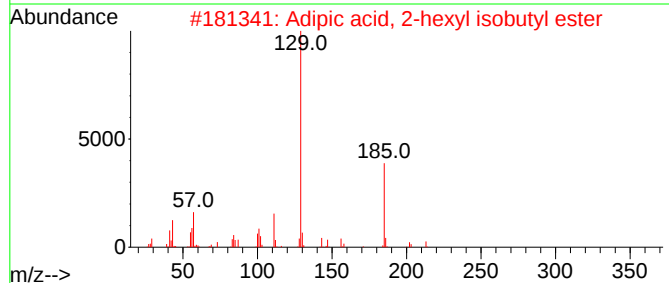
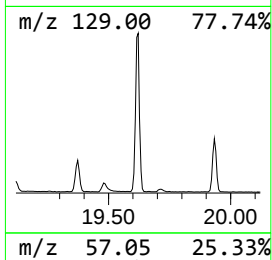
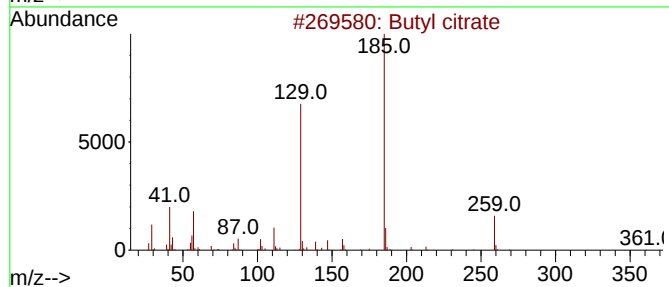
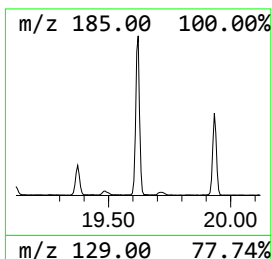
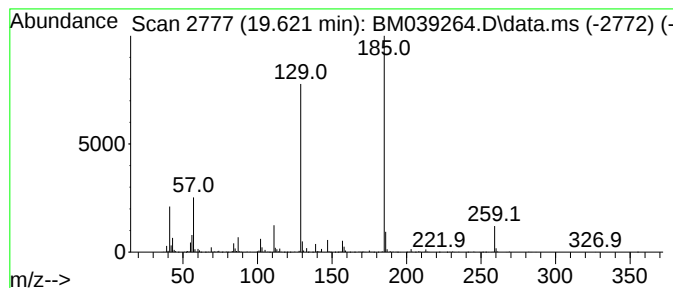
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 16 Adipic acid, 2-hexyl isobut... Concentration Rank 2

| R.T.   | EstConc | Area                                | Relative to ISTD | R.T.            |
|--------|---------|-------------------------------------|------------------|-----------------|
| 19.621 | 7.84 ng | 866304                              | Chrysene-d12     | 21.491          |
| Hit#   | of 5    | Tentative ID                        | MW MolForm       | CAS# Qual       |
| 1      |         | Butyl citrate                       | 360 C18H32O7     | 000077-94-1 81  |
| 2      |         | Adipic acid, 2-hexyl isobutyl ester | 286 C16H30O4     | 1000353-70-9 78 |
| 3      |         | Adipic acid, butyl 3-pentyl ester   | 272 C15H28O4     | 1000324-60-5 72 |
| 4      |         | Adipic acid, isobutyl 3-pentyl e... | 272 C15H28O4     | 1000324-60-4 64 |
| 5      |         | Adipic acid, 2,4-dimethylpent-3...  | 300 C17H32O4     | 1000349-77-6 64 |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM033123\  
Data File : BM039264.D  
Acq On : 31 Mar 2023 21:50  
Operator : CG/JU  
Sample : 02104-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-37-GW01

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

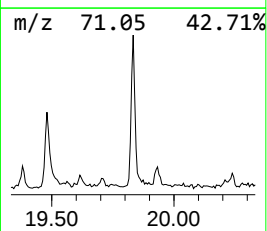
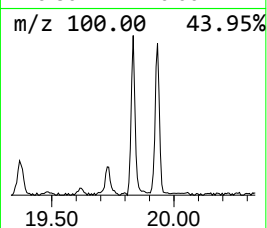
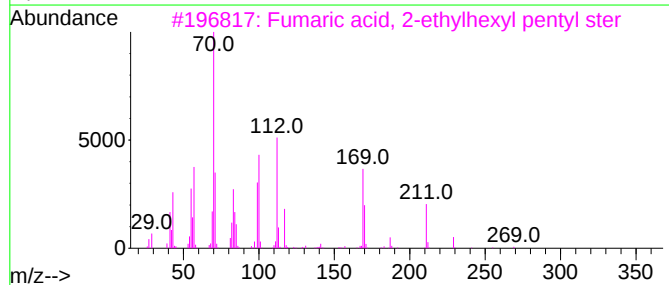
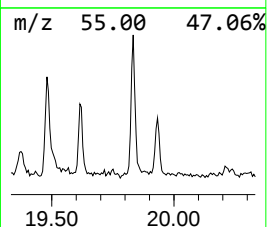
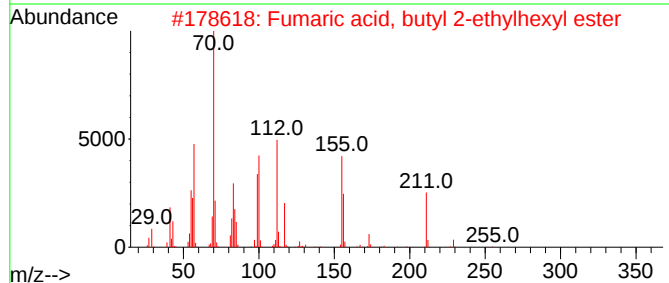
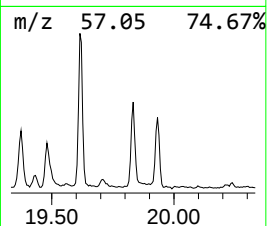
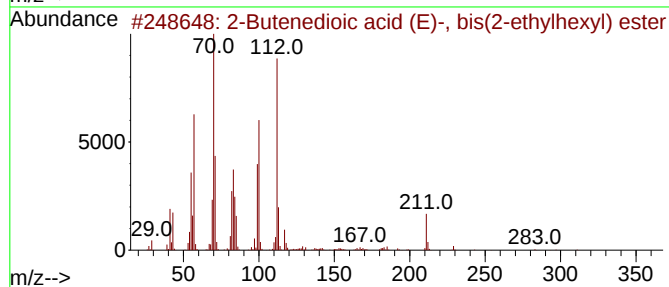
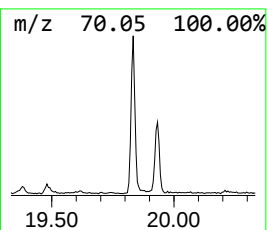
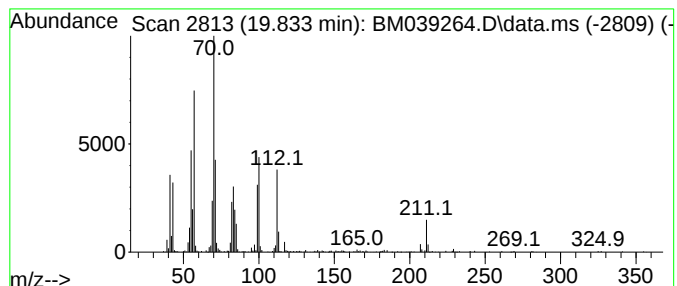
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 17 2-Butenedioic acid (E)-, bi... Concentration Rank 13

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.833 | 3.05 ng | 336858 | Chrysene-d12     | 21.491 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 2-Butenedioic acid (E)-, bis(2-e... | 340 | C20H36O4 | 000141-02-6  | 91   |
| 2    |    |   | Fumaric acid, butyl 2-ethylhexyl... | 284 | C16H28O4 | 1010339-13-8 | 72   |
| 3    |    |   | Fumaric acid, 2-ethylhexyl penty... | 298 | C17H30O4 | 1000339-13-9 | 64   |
| 4    |    |   | 2-Ethylhexyl hydrogen maleate       | 228 | C12H20O4 | 002370-71-0  | 64   |
| 5    |    |   | Fumaric acid, ethyl 2-ethylhexyl... | 256 | C14H24O4 | 1000339-13-5 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM033123\  
Data File : BM039264.D  
Acq On : 31 Mar 2023 21:50  
Operator : CG/JU  
Sample : 02104-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-37-GW01

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

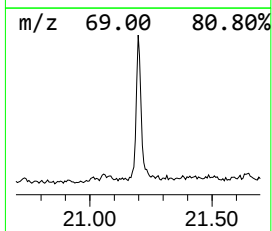
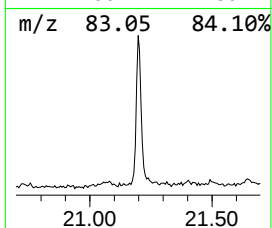
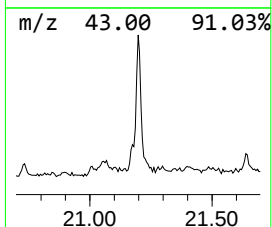
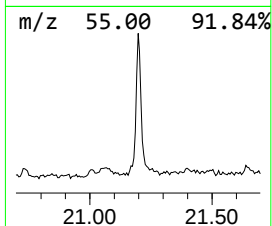
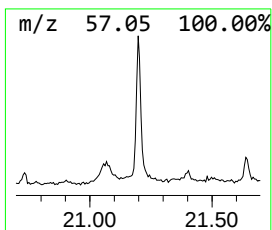
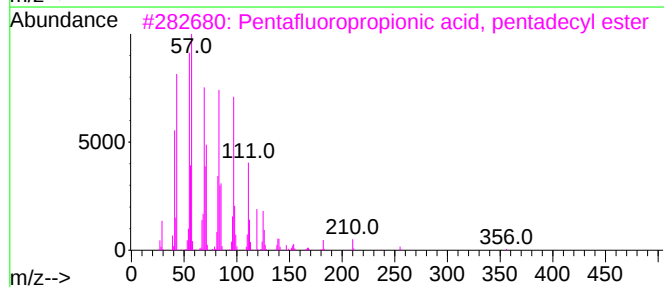
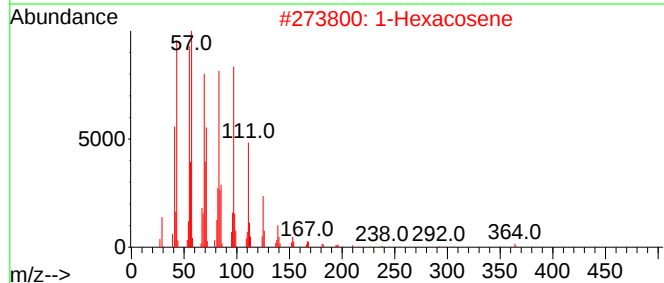
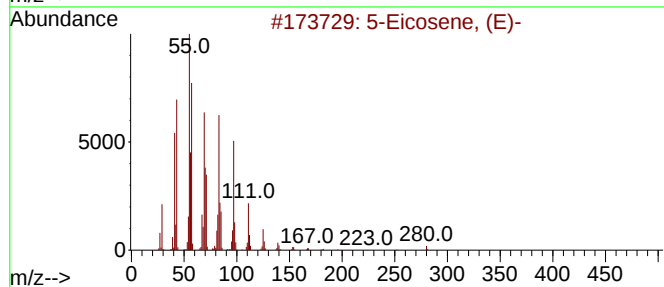
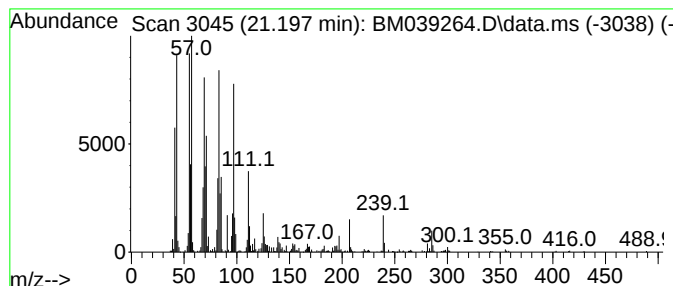
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 18 5-Eicosene, (E)- Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.197 | 7.44 ng | 822582 | Chrysene-d12     | 21.491 |

| Hit# | of 5                                | Tentative ID | MW  | MolForm     | CAS#        | Qual |
|------|-------------------------------------|--------------|-----|-------------|-------------|------|
| 1    | 5-Eicosene, (E)-                    |              | 280 | C20H40      | 074685-30-6 | 97   |
| 2    | 1-Hexacosene                        |              | 364 | C26H52      | 018835-33-1 | 95   |
| 3    | Pentafluoropropionic acid, penta... |              | 374 | C18H31F5O2  | 959092-08-1 | 94   |
| 4    | Pentacos-1-ene                      |              | 350 | C25H50      | 016980-85-1 | 94   |
| 5    | Trichloroacetic acid, hexadecyl ... |              | 386 | C18H33Cl3O2 | 074339-54-1 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM033123\  
Data File : BM039264.D  
Acq On : 31 Mar 2023 21:50  
Operator : CG/JU  
Sample : 02104-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-37-GW01

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butanoic acid, ... | 4.775  | 3.0     | ng    | 187543   | 1                     | 7.916  | 1253390 | 20.0 |
| 2-Pentanone, 4-... | 5.010  | 21.8    | ng    | 1365370  | 1                     | 7.916  | 1253390 | 20.0 |
| 1-Hexanol, 2-et... | 7.981  | 4.9     | ng    | 308557   | 1                     | 7.916  | 1253390 | 20.0 |
| D-Limonene         | 8.134  | 2.1     | ng    | 129044   | 1                     | 7.916  | 1253390 | 20.0 |
| Hexanoic acid, ... | 9.222  | 4.8     | ng    | 300255   | 1                     | 7.916  | 1253390 | 20.0 |
| Ethanol, 2-(2-b... | 10.504 | 2.0     | ng    | 169517   | 2                     | 10.727 | 1672720 | 20.0 |
| Benzeneacetic acid | 11.280 | 4.7     | ng    | 393723   | 2                     | 10.727 | 1672720 | 20.0 |
| 1H-Benzotriazol... | 14.851 | 3.6     | ng    | 364686   | 3                     | 14.563 | 2015330 | 20.0 |
| 1H-Benzotriazol... | 15.280 | 5.0     | ng    | 502096   | 3                     | 14.563 | 2015330 | 20.0 |
| Benzophenone       | 15.921 | 6.9     | ng    | 692059   | 3                     | 14.563 | 2015330 | 20.0 |
| n-Hexadecanoic ... | 18.203 | 6.3     | ng    | 673183   | 4                     | 17.309 | 2148300 | 20.0 |
| Adipic acid, cy... | 18.604 | 2.6     | ng    | 279763   | 4                     | 17.309 | 2148300 | 20.0 |
| Butyl citrate      | 19.374 | 3.0     | ng    | 327503   | 4                     | 17.309 | 2148300 | 20.0 |
| Octadecanoic acid  | 19.480 | 3.4     | ng    | 378859   | 5                     | 21.491 | 2210790 | 20.0 |
| Adipic acid, 2-... | 19.621 | 7.8     | ng    | 866304   | 5                     | 21.491 | 2210790 | 20.0 |
| 2-Butenedioic a... | 19.833 | 3.0     | ng    | 336858   | 5                     | 21.491 | 2210790 | 20.0 |
| 5-Eicosene, (E)-   | 21.197 | 7.4     | ng    | 822582   | 5                     | 21.491 | 2210790 | 20.0 |