

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050825\  
 Data File : BM050152.D  
 Acq On : 08 May 2025 18:37  
 Operator : RC/JU  
 Sample : Q1976-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 VNJ-207

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-BM042825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050152.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         | 3.487       | 82            | 85          | 95           | rBV      | 95870          | 159572        | 1.90%           | 0.357%        |
| 2         | 4.863       | 314           | 319         | 328          | rBV      | 198864         | 303587        | 3.61%           | 0.680%        |
| 3         | 5.334       | 393           | 399         | 416          | rBV      | 1967083        | 3409952       | 40.53%          | 7.636%        |
| 4         | 6.934       | 665           | 671         | 703          | rBV      | 1617354        | 3402530       | 40.45%          | 7.619%        |
| 5         | 7.739       | 801           | 808         | 820          | rBV      | 838690         | 1379735       | 16.40%          | 3.090%        |
| 6         | 8.904       | 998           | 1006        | 1030         | rBV      | 982137         | 2123138       | 25.24%          | 4.754%        |
| 7         | 10.539      | 1274          | 1284        | 1308         | rBV      | 806273         | 1756312       | 20.88%          | 3.933%        |
| 8         | 11.316      | 1406          | 1416        | 1424         | rBV3     | 49087          | 145337        | 1.73%           | 0.325%        |
| 9         | 13.004      | 1696          | 1703        | 1725         | rBV      | 3062462        | 5288251       | 62.86%          | 11.842%       |
| 10        | 14.392      | 1932          | 1939        | 1959         | rBV      | 1366281        | 2356694       | 28.01%          | 5.277%        |
| 11        | 14.615      | 1968          | 1977        | 1987         | rVB2     | 68135          | 162347        | 1.93%           | 0.364%        |
| 12        | 15.757      | 2163          | 2171        | 2183         | rBV      | 52699          | 115837        | 1.38%           | 0.259%        |
| 13        | 15.892      | 2185          | 2194        | 2220         | rBV      | 2368232        | 4282454       | 50.90%          | 9.590%        |
| 14        | 16.833      | 2348          | 2354        | 2363         | rBV3     | 39819          | 103923        | 1.24%           | 0.233%        |
| 15        | 17.139      | 2400          | 2406        | 2424         | rBV2     | 1655665        | 2899533       | 34.47%          | 6.493%        |
| 16        | 18.039      | 2553          | 2559        | 2578         | rBV      | 318920         | 786830        | 9.35%           | 1.762%        |
| 17        | 19.209      | 2753          | 2758        | 2765         | rBV      | 165195         | 255570        | 3.04%           | 0.572%        |
| 18        | 19.315      | 2772          | 2776        | 2791         | rBV2     | 141544         | 370374        | 4.40%           | 0.829%        |
| 19        | 19.568      | 2816          | 2819        | 2827         | rVB      | 138717         | 214006        | 2.54%           | 0.479%        |
| 20        | 19.762      | 2847          | 2852        | 2864         | rBV      | 7059451        | 8412691       | 100.00%         | 18.838%       |
| 21        | 21.050      | 3068          | 3071        | 3081         | rVB3     | 231436         | 351102        | 4.17%           | 0.786%        |
| 22        | 21.380      | 3122          | 3127        | 3142         | rVB      | 1987460        | 3296317       | 39.18%          | 7.381%        |
| 23        | 24.374      | 3628          | 3636        | 3649         | rVB      | 1204539        | 3081461       | 36.63%          | 6.900%        |

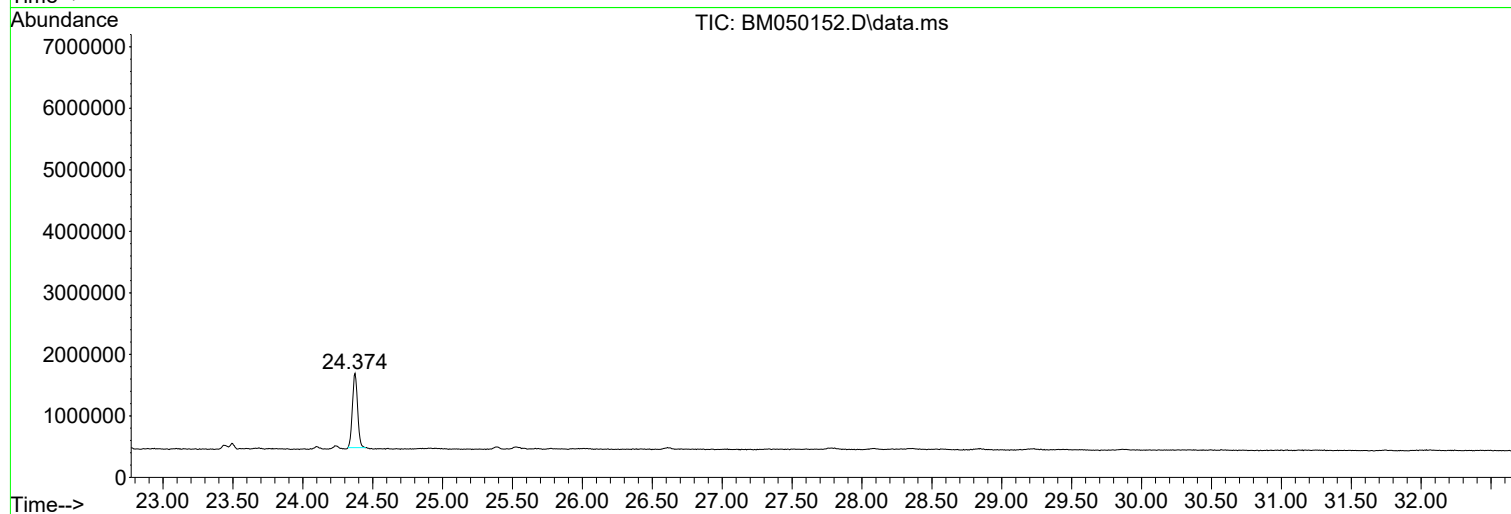
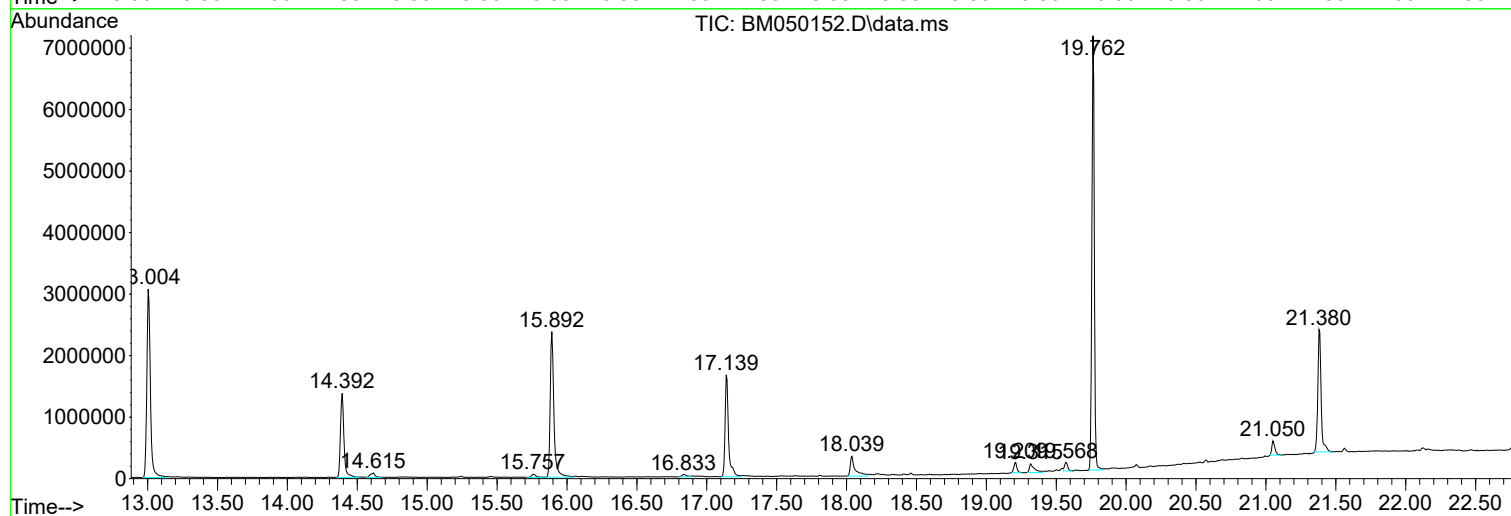
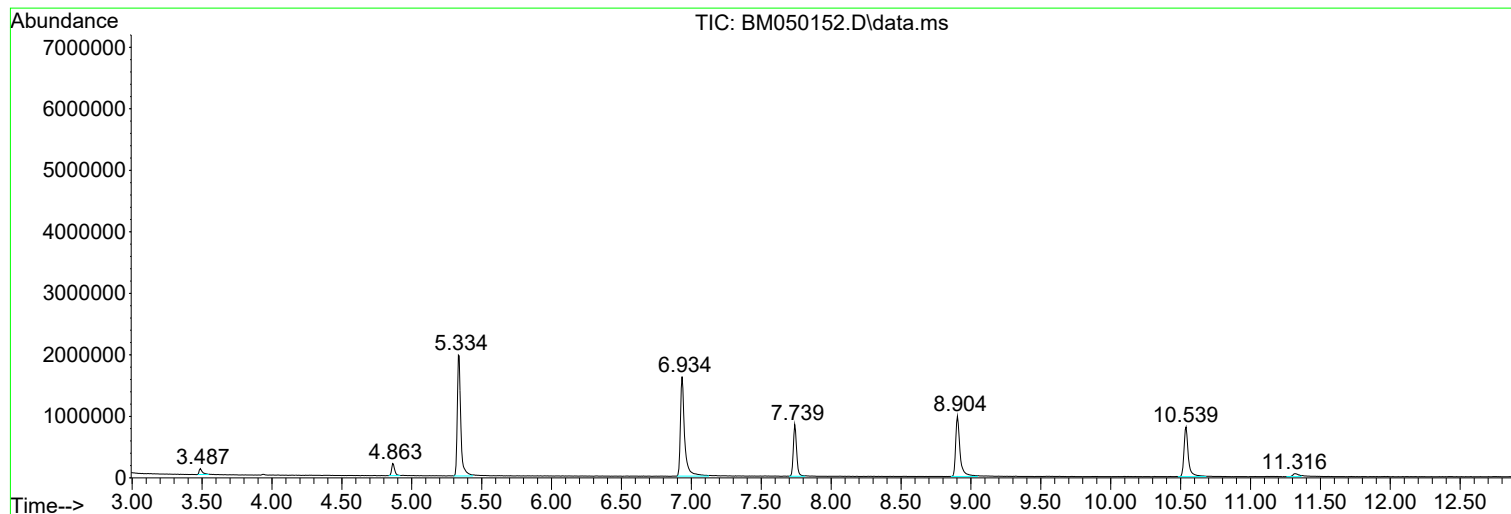
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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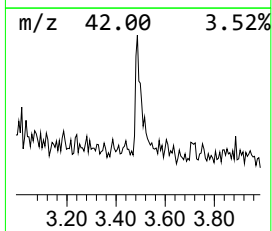
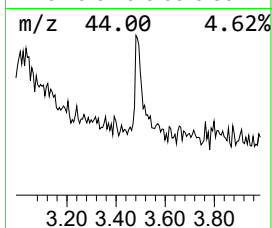
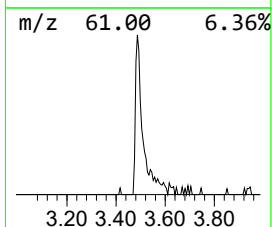
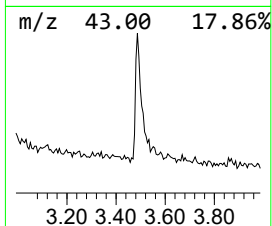
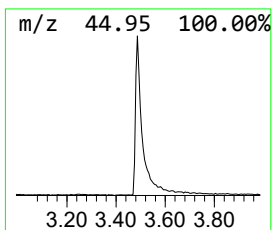
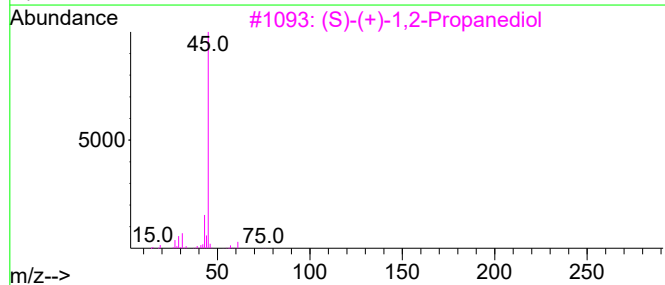
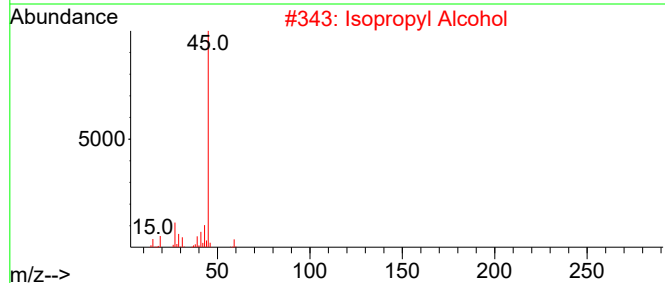
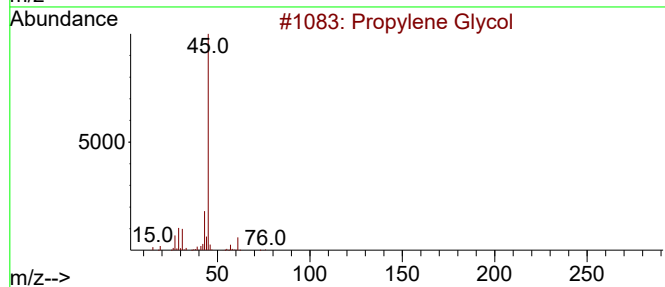
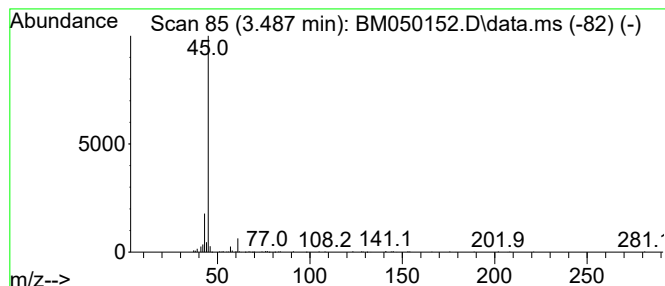
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Propylene Glycol Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 3.487 | 2.31 ng | 159572 | 1,4-Dichlorobenzene-d4 | 7.739 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Propylene Glycol                    | 76  | C3H8O2  | 000057-55-6 | 80   |
| 2    |    |   | Isopropyl Alcohol                   | 60  | C3H8O   | 000067-63-0 | 56   |
| 3    |    |   | (S)-(+)-1,2-Propanediol             | 76  | C3H8O2  | 004254-15-3 | 40   |
| 4    |    |   | R-(-)-1,2-propanediol               | 76  | C3H8O2  | 004254-14-2 | 9    |
| 5    |    |   | Propanoic acid, 2-hydroxy-, meth... | 104 | C4H8O3  | 000547-64-8 | 9    |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

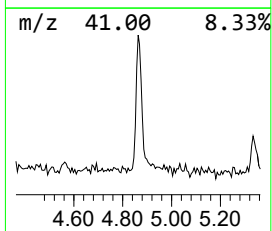
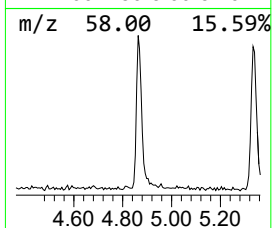
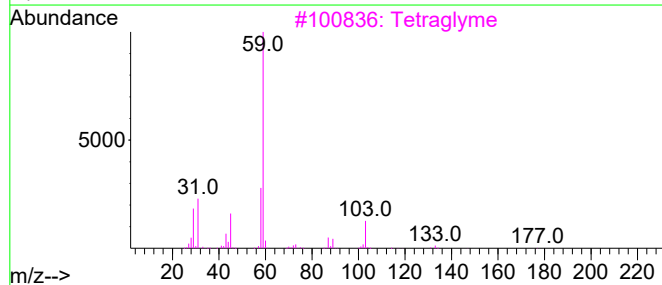
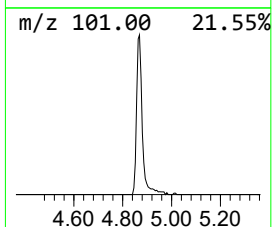
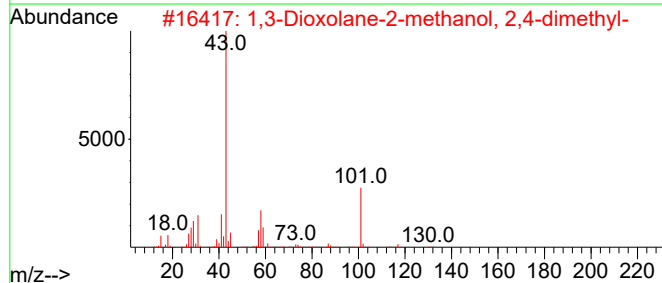
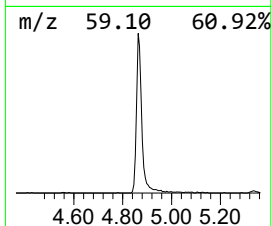
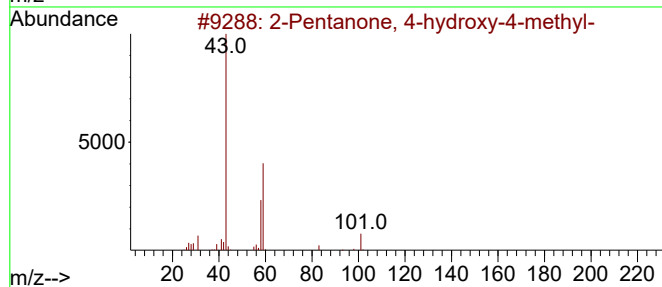
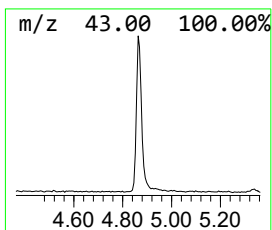
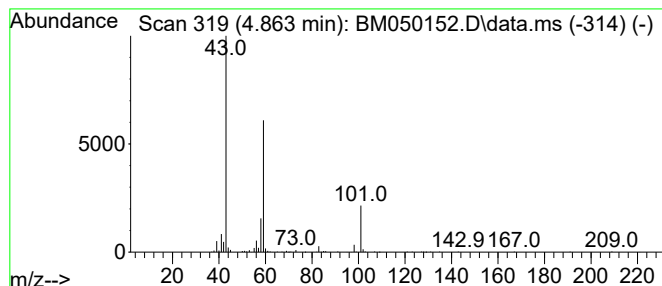
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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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.  |
|-------|---------|--------|------------------------|-------|
| 4.863 | 4.40 ng | 303587 | 1,4-Dichlorobenzene-d4 | 7.739 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 56      |      |      |
| 2    | 1,3-Dioxolane-2-methanol, 2,4-di... | 132 | C6H12O3      | 053951-43-2 | 25      |      |      |
| 3    | Tetraglyme                          | 222 | C10H22O5     | 000143-24-8 | 23      |      |      |
| 4    | 3-Hydroxy-3-methyl-2-butanone       | 102 | C5H10O2      | 000115-22-0 | 17      |      |      |
| 5    | 1-Propen-2-ol, acetate              | 100 | C5H8O2       | 000108-22-5 | 10      |      |      |



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Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
VNJ-207

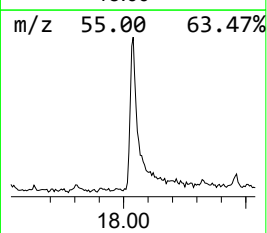
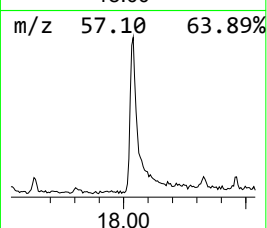
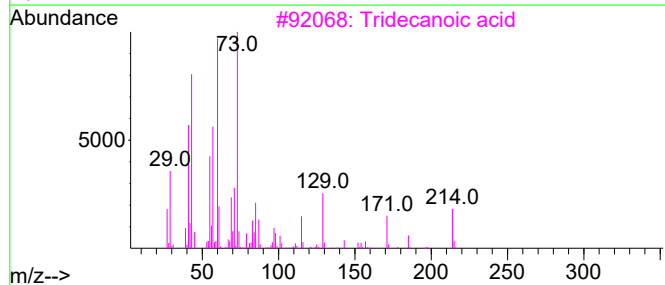
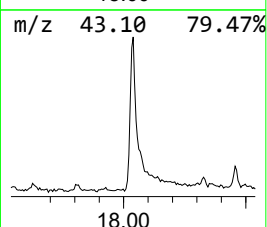
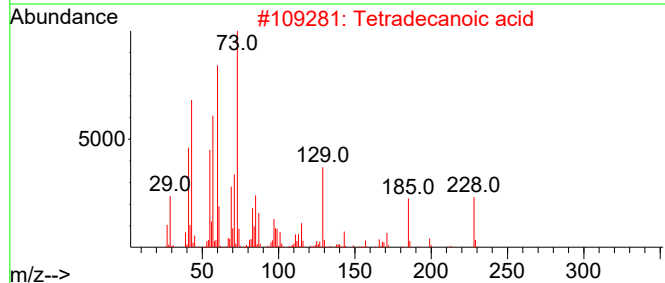
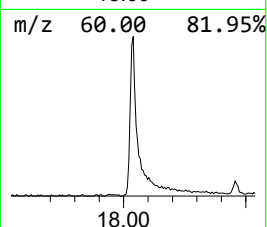
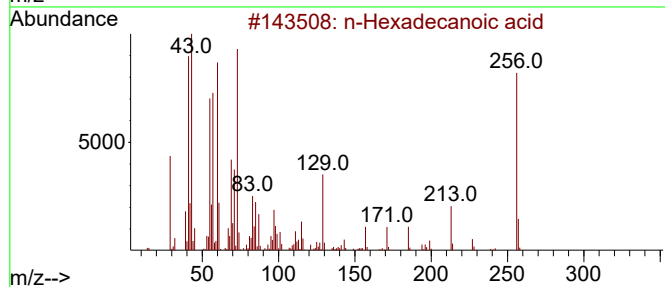
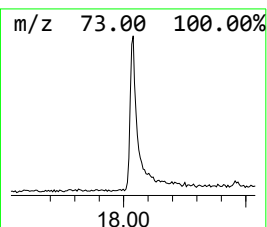
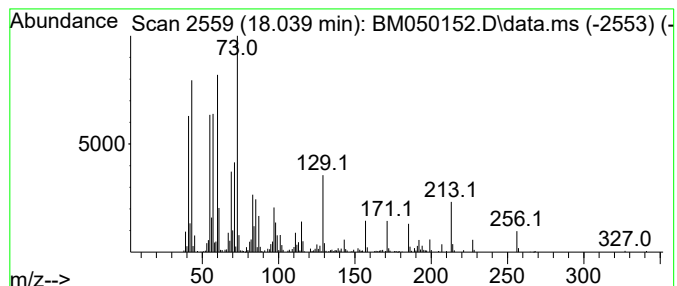
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.039 | 5.43 ng | 786830 | Phenanthrene-d10 | 17.139 |

| 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 | 94   |
| 3    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 93   |
| 4    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 87   |
| 5    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 76   |



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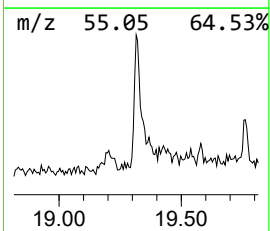
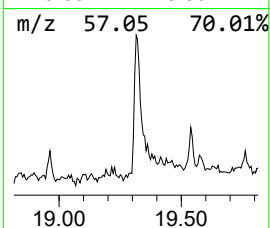
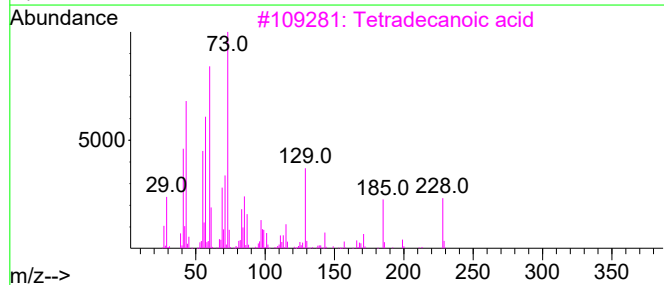
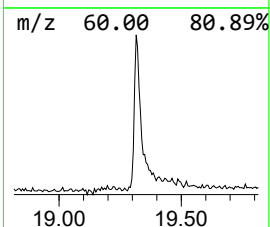
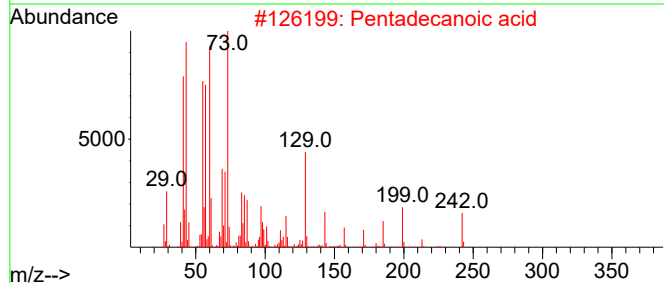
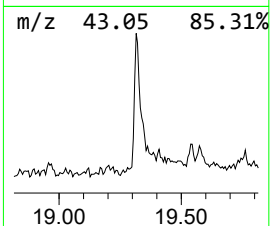
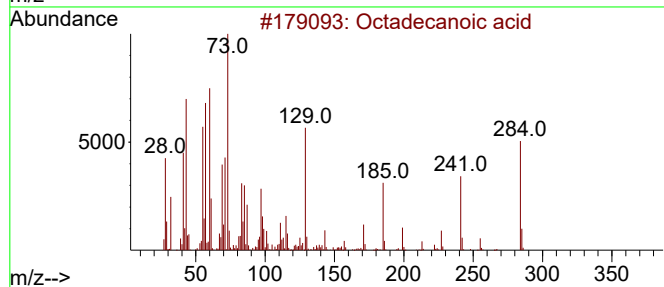
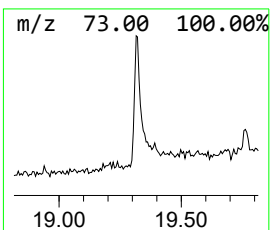
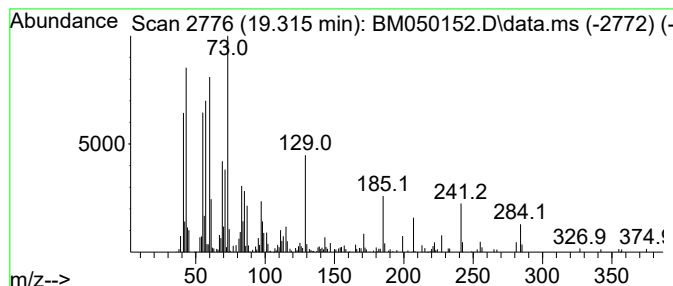
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Peak Number 4 Octadecanoic acid Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.315 | 2.25 ng | 370374 | Chrysene-d12     | 21.380 |

| 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 | 93   |
| 3    |    |   | Tetradecanoic acid                  | 228 | C14H28O2 | 000544-63-8 | 83   |
| 4    |    |   | n-Hexadecanoic acid                 | 256 | C16H32O2 | 000057-10-3 | 80   |
| 5    |    |   | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 72   |



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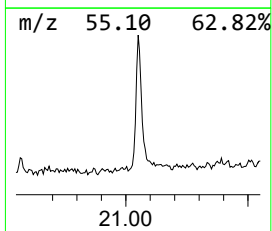
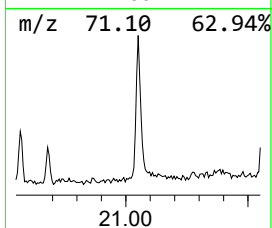
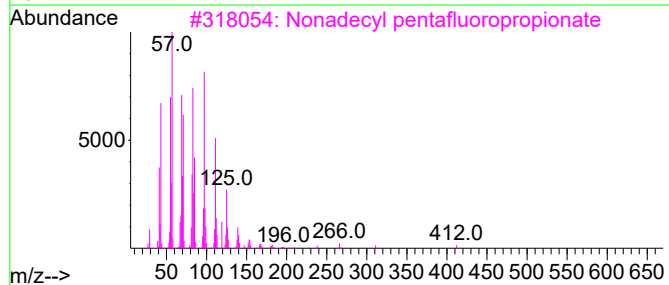
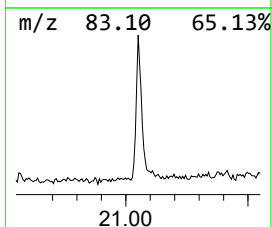
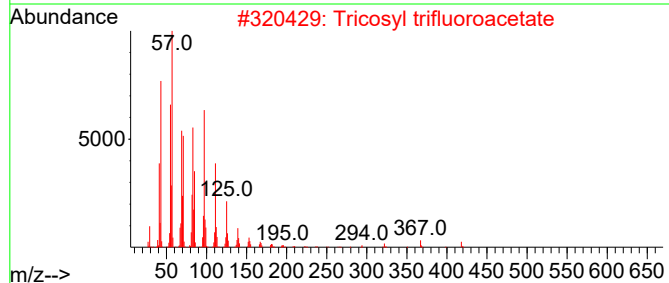
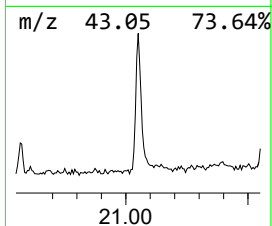
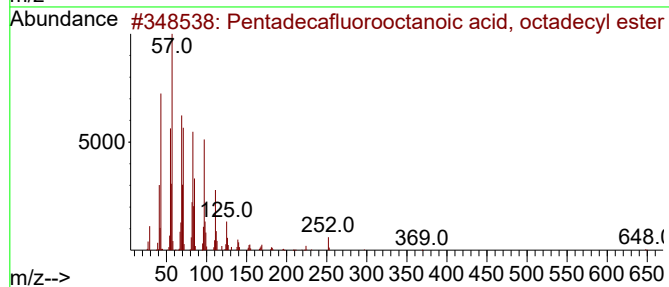
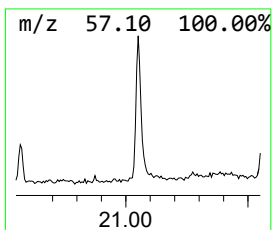
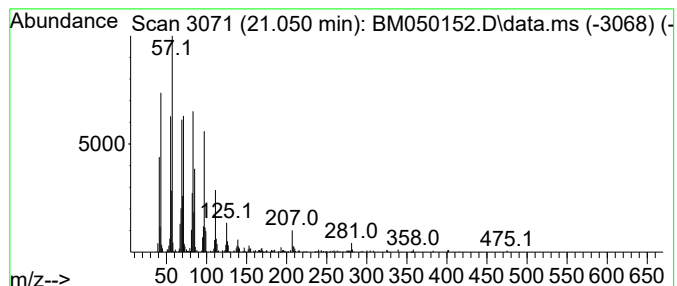
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Pentadecafluorooctanoic aci... Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 21.050    | 2.13 ng                             | 351102 | Chrysene-d12     | 21.380       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Pentadecafluorooctanoic acid, oc... | 666    | C26H37F15O2      | 1000406-04-8 | 93   |
| 2         | Tricosyl trifluoroacetate           | 436    | C25H47F3O2       | 1000351-75-1 | 90   |
| 3         | Nonadecyl pentafluoropropionate     | 430    | C22H39F5O2       | 1000351-88-8 | 90   |
| 4         | Heneicosyl pentafluoropropionate    | 458    | C24H43F5O2       | 1000351-81-1 | 90   |
| 5         | Cyclopentadecane                    | 210    | C15H30           | 000295-48-7  | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050825\  
Data File : BM050152.D  
Acq On : 08 May 2025 18:37  
Operator : RC/JU  
Sample : Q1976-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
VNJ-207

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.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 |
| Propylene Glycol   | 3.487  | 2.3     | ng    | 159572   | 1                     | 7.739  | 1379740 | 20.0 |
| 2-Pentanone, 4-... | 4.863  | 4.4     | ng    | 303587   | 1                     | 7.739  | 1379740 | 20.0 |
| n-Hexadecanoic ... | 18.039 | 5.4     | ng    | 786830   | 4                     | 17.139 | 2899530 | 20.0 |
| Octadecanoic acid  | 19.315 | 2.3     | ng    | 370374   | 5                     | 21.380 | 3296320 | 20.0 |
| Pentadecafluoro... | 21.050 | 2.1     | ng    | 351102   | 5                     | 21.380 | 3296320 | 20.0 |