

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040925\  
 Data File : BM049868.D  
 Acq On : 09 Apr 2025 15:05  
 Operator : RC/JU  
 Sample : Q1746-03  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-149-SB02

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-BM040825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049868.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         | 4.898       | 319           | 325         | 333          | rVB      | 836722         | 1167673       | 5.68%           | 1.183%        |
| 2         | 5.363       | 397           | 404         | 421          | rBV      | 6491424        | 9235392       | 44.90%          | 9.353%        |
| 3         | 6.951       | 667           | 674         | 689          | rBV      | 6050820        | 9739153       | 47.35%          | 9.864%        |
| 4         | 7.781       | 808           | 815         | 822          | rBV      | 1075610        | 1711934       | 8.32%           | 1.734%        |
| 5         | 8.934       | 1003          | 1011        | 1022         | rBV      | 3767301        | 6067154       | 29.50%          | 6.145%        |
| 6         | 9.498       | 1101          | 1107        | 1115         | rBV      | 127286         | 205984        | 1.00%           | 0.209%        |
| 7         | 10.569      | 1282          | 1289        | 1298         | rBV      | 1309087        | 2241002       | 10.89%          | 2.270%        |
| 8         | 13.039      | 1702          | 1709        | 1722         | rBV      | 10226591       | 15050381      | 73.17%          | 15.243%       |
| 9         | 14.421      | 1935          | 1944        | 1953         | rBV      | 2146658        | 3128350       | 15.21%          | 3.168%        |
| 10        | 15.780      | 2168          | 2175        | 2180         | rBV      | 1237394        | 1647178       | 8.01%           | 1.668%        |
| 11        | 15.910      | 2189          | 2197        | 2217         | rBV      | 9669961        | 12949492      | 62.95%          | 13.115%       |
| 12        | 17.162      | 2404          | 2410        | 2421         | rBV2     | 2564725        | 3547430       | 17.25%          | 3.593%        |
| 13        | 18.062      | 2558          | 2563        | 2578         | rBV      | 1206746        | 2015496       | 9.80%           | 2.041%        |
| 14        | 19.345      | 2777          | 2781        | 2789         | rBV      | 401179         | 647957        | 3.15%           | 0.656%        |
| 15        | 19.792      | 2851          | 2857        | 2862         | rBV      | 16816039       | 20569600      | 100.00%         | 20.833%       |
| 16        | 21.080      | 3073          | 3076        | 3085         | rBV      | 452092         | 781321        | 3.80%           | 0.791%        |
| 17        | 21.397      | 3125          | 3130        | 3135         | rBV      | 2622489        | 3725512       | 18.11%          | 3.773%        |
| 18        | 24.397      | 3633          | 3640        | 3654         | rVB      | 1717128        | 4306655       | 20.94%          | 4.362%        |

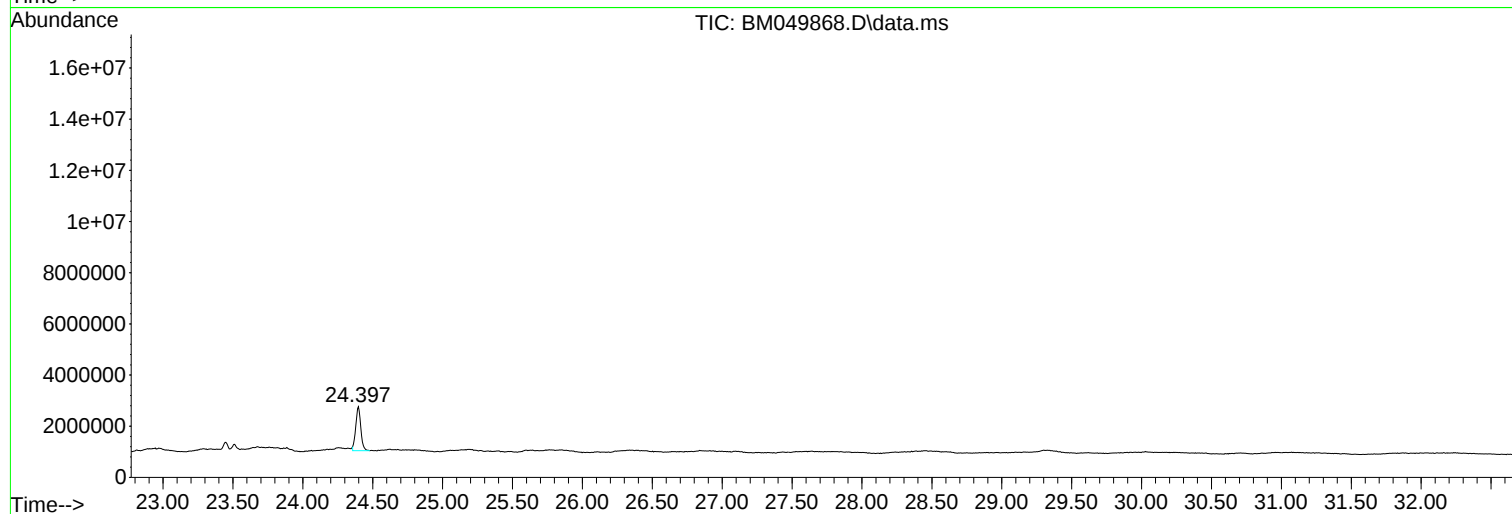
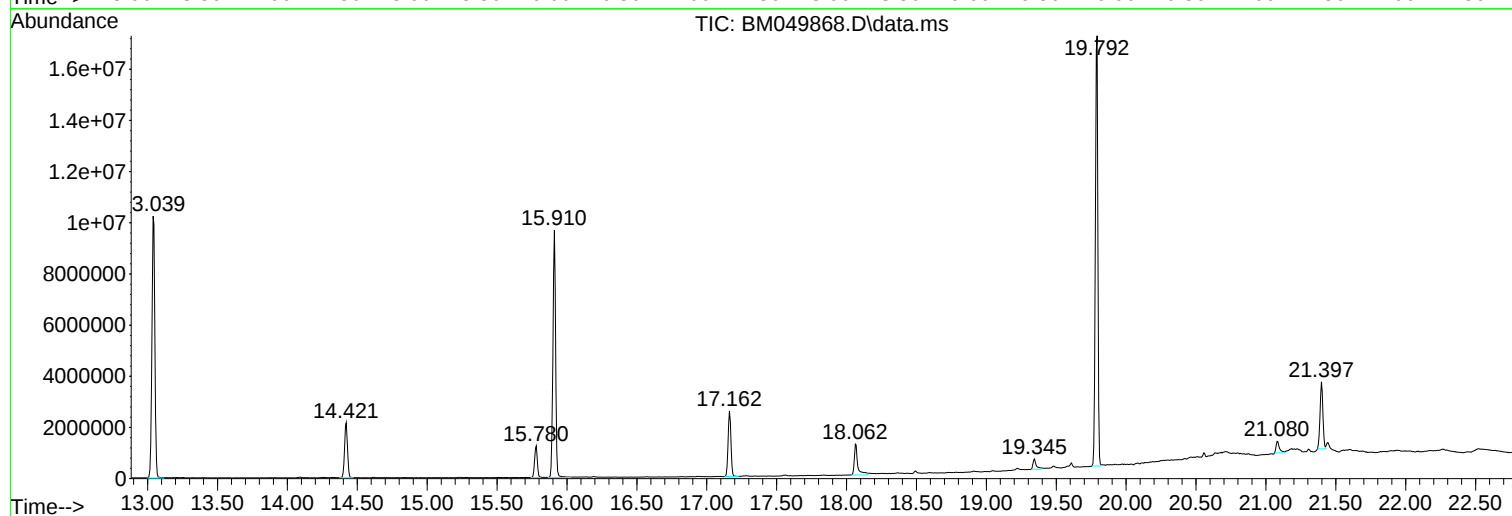
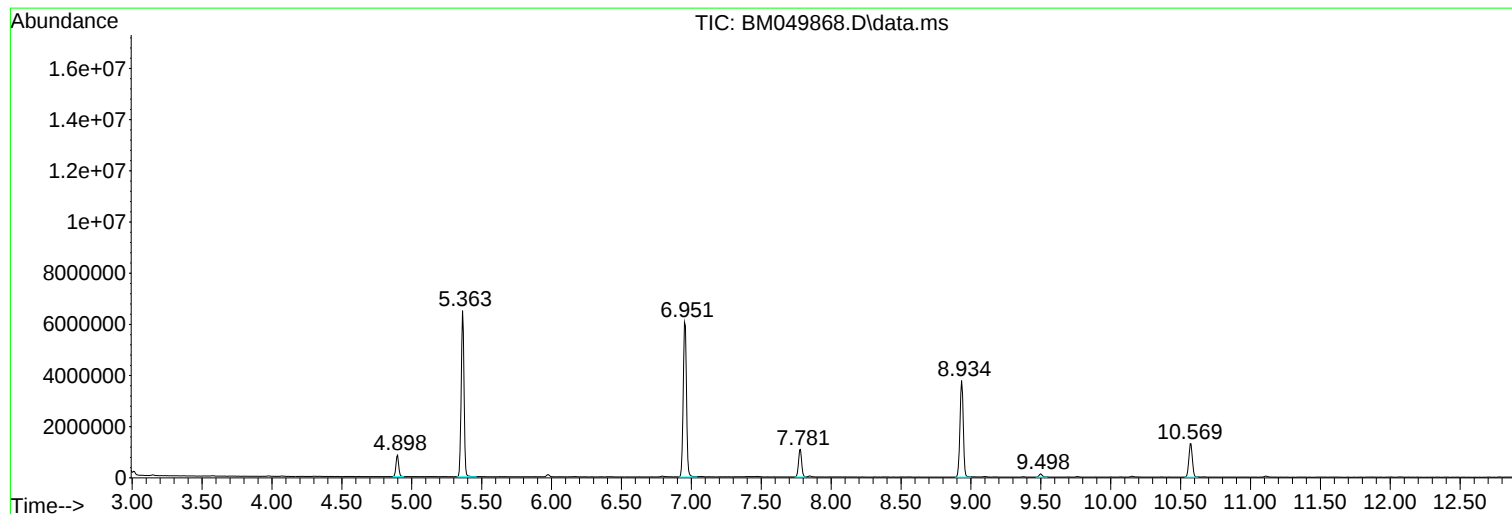
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BNA\_M  
ClientSampleId :  
B-149-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM040825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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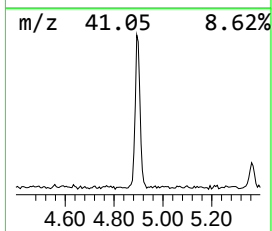
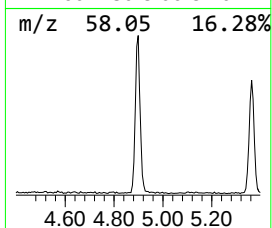
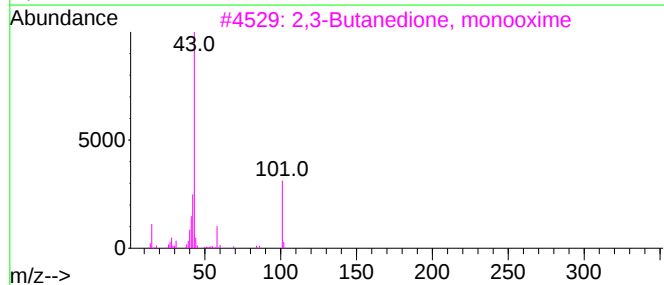
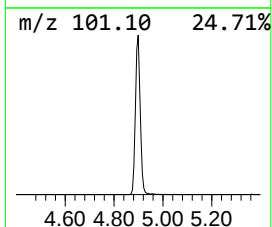
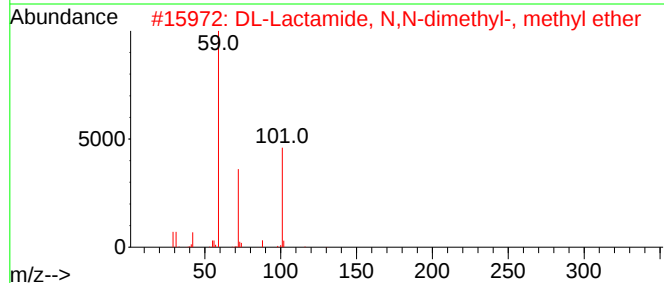
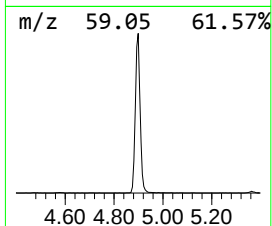
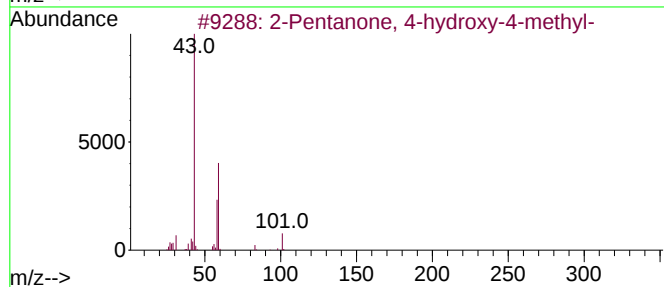
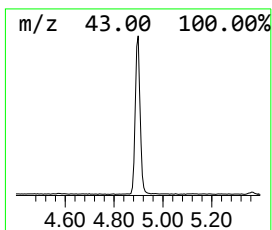
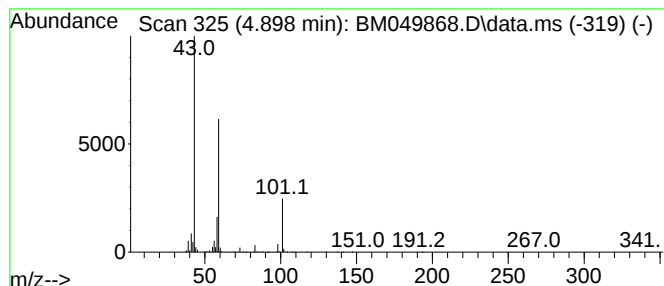
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 4.898 | 13.64 ng | 1167670 | 1,4-Dichlorobenzene-d4 | 7.781 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2  | 72      |      |      |
| 2    | DL-Lactamide, N,N-dimethyl-, met... | 131 | C6H13NO2     | 1000452-57-0 | 33      |      |      |
| 3    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2      | 000057-71-6  | 25      |      |      |
| 4    | 1,3-Dioxolane-2-methanol, 2,4-di... | 132 | C6H12O3      | 053951-43-2  | 25      |      |      |
| 5    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2     | 001116-98-9  | 17      |      |      |



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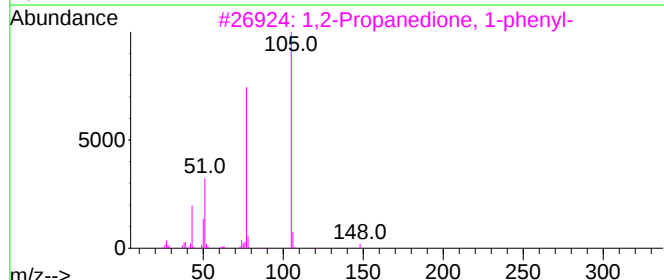
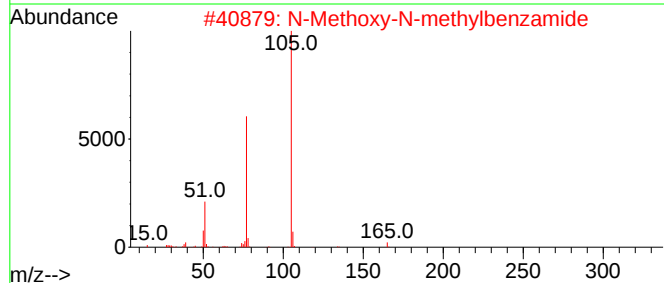
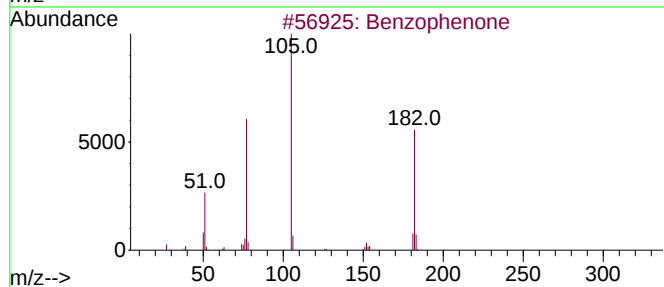
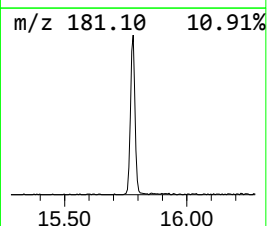
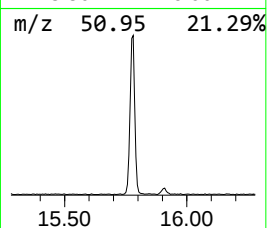
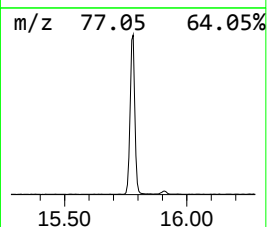
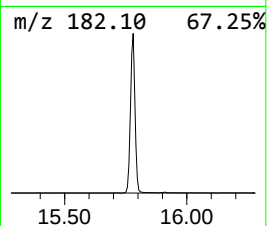
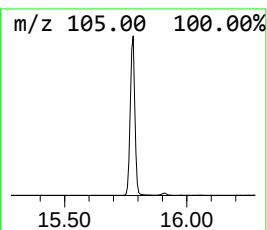
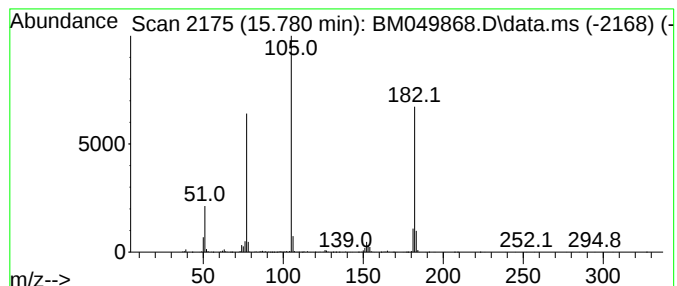
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Benzophenone Concentration Rank 3

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 15.780 | 10.53 ng | 1647180 | Acenaphthene-d10 | 14.421 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                    | 182 | C13H10O  | 000119-61-9 | 97   |
| 2    |    |   | N-Methoxy-N-methylbenzamide     | 165 | C9H11NO2 | 006919-61-5 | 43   |
| 3    |    |   | 1,2-Propanedione, 1-phenyl-     | 148 | C9H8O2   | 000579-07-7 | 43   |
| 4    |    |   | 1-Propanone, 3-chloro-1-phenyl- | 168 | C9H9ClO  | 000936-59-4 | 43   |
| 5    |    |   | Ethanone, 2-hydroxy-1-phenyl-   | 136 | C8H8O2   | 000582-24-1 | 43   |



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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
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B-149-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM040825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

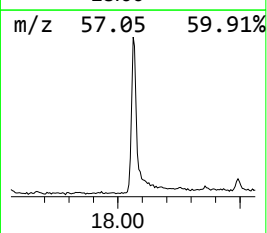
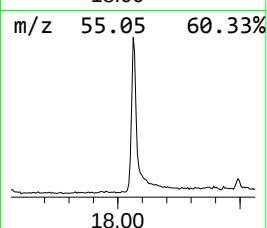
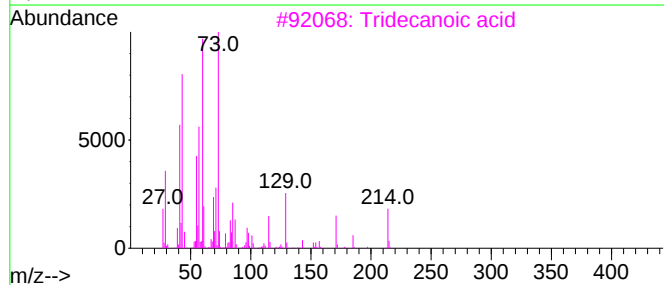
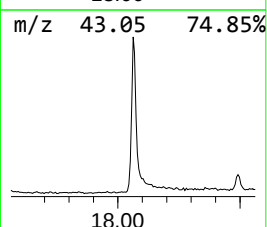
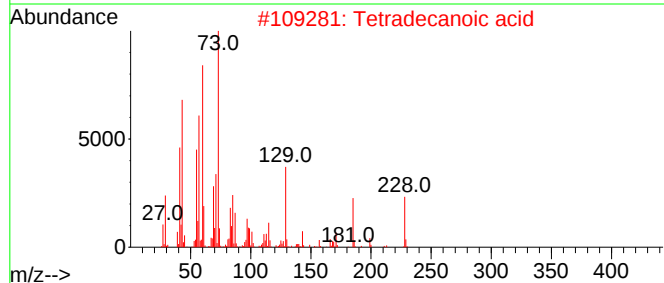
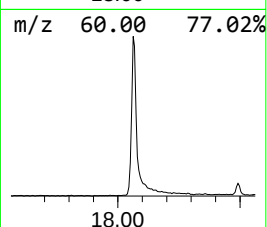
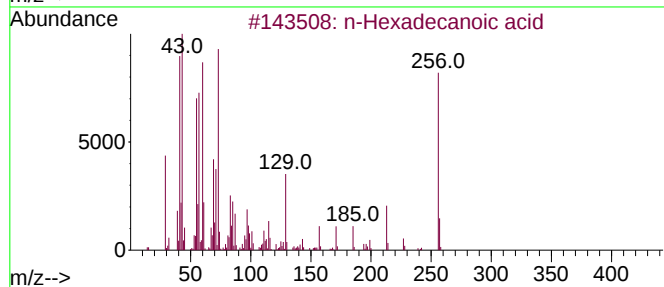
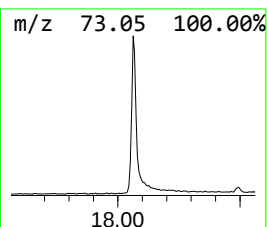
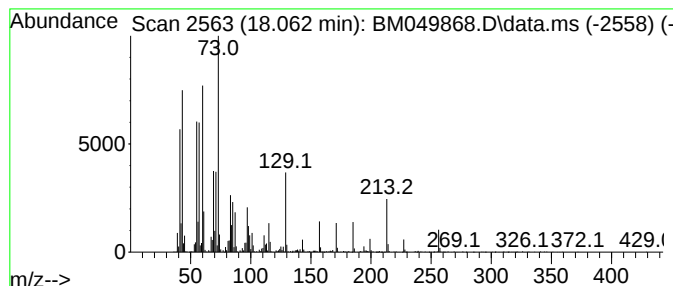
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 18.062 | 11.36 ng | 2015500 | Phenanthrene-d10 | 17.162 |

| 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 | 90   |
| 4    |      | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 81   |
| 5    |      | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 81   |



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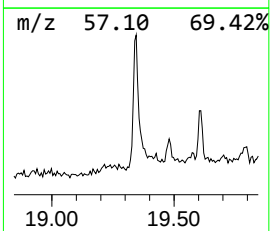
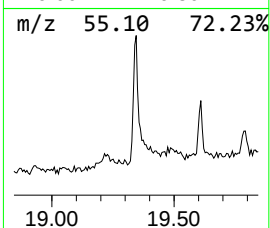
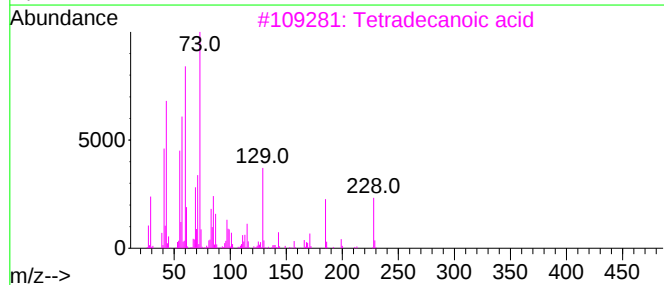
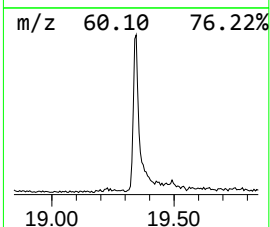
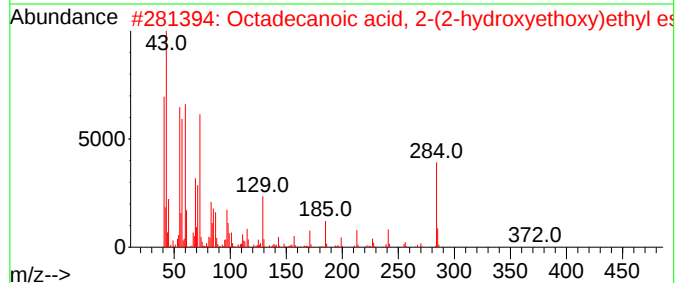
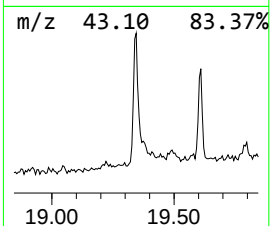
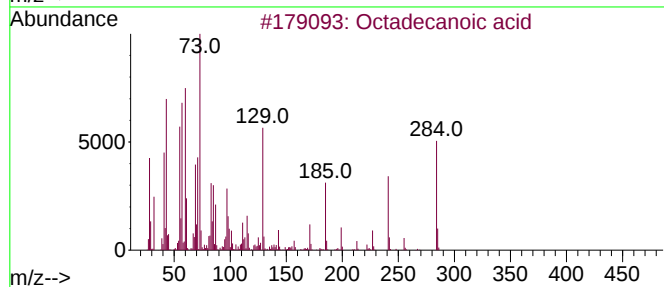
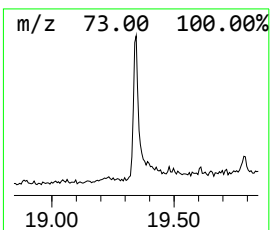
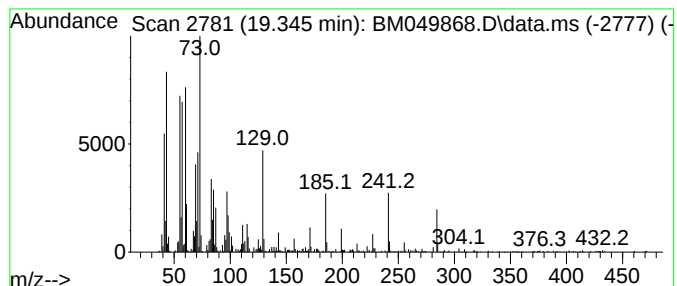
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Peak Number 4 Octadecanoic acid Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.345 | 3.48 ng | 647957 | Chrysene-d12     | 21.397 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid                   | 284 | C18H36O2 | 000057-11-4 | 99   |
| 2    |    |   | Octadecanoic acid, 2-(2-hydroxye... | 372 | C22H44O4 | 000106-11-6 | 72   |
| 3    |    |   | Tetradecanoic acid                  | 228 | C14H28O2 | 000544-63-8 | 68   |
| 4    |    |   | Undecanoic acid                     | 186 | C11H22O2 | 000112-37-8 | 68   |
| 5    |    |   | n-Decanoic acid                     | 172 | C10H20O2 | 000334-48-5 | 64   |



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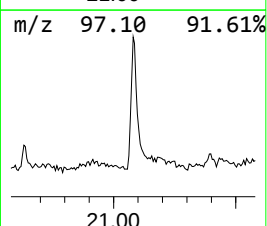
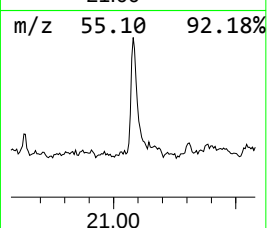
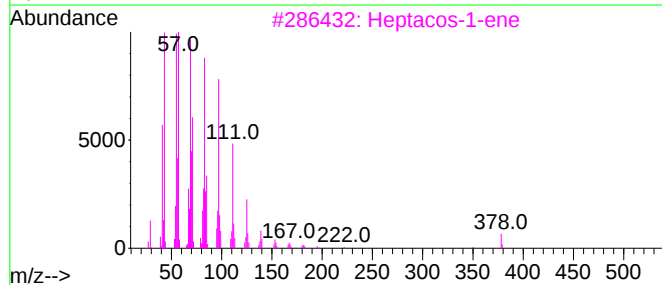
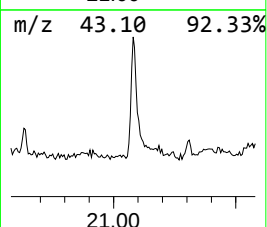
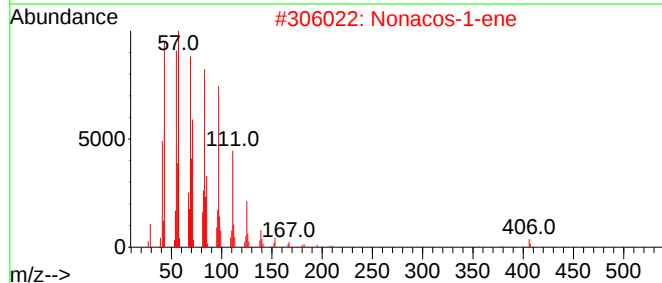
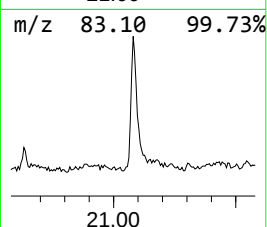
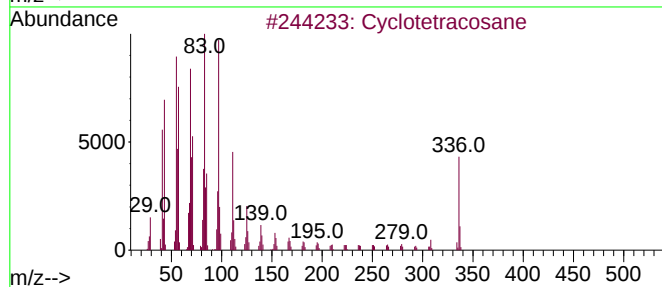
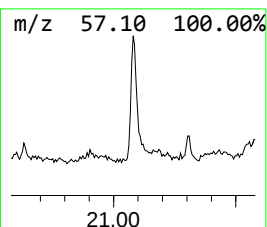
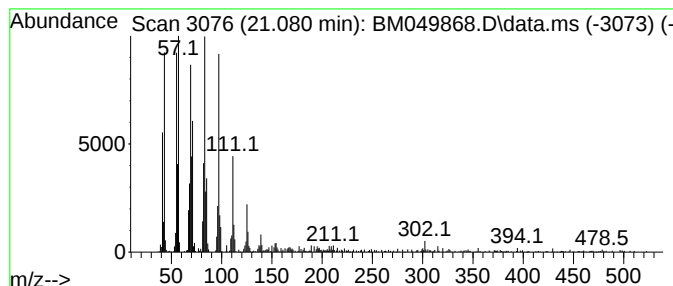
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TIC Library : C:\Database\NIST20.L  
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Peak Number 5 Cyclotetracosane Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.080 | 4.19 ng | 781321 | Chrysene-d12     | 21.397 |

| Hit# | of | 5 | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclotetracosane | 336 | C24H48  | 000297-03-0 | 99   |
| 2    |    |   | Nonacos-1-ene    | 406 | C29H58  | 018835-35-3 | 94   |
| 3    |    |   | Heptacos-1-ene   | 378 | C27H54  | 015306-27-1 | 94   |
| 4    |    |   | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 94   |
| 5    |    |   | 1-Heneicosanol   | 312 | C21H44O | 015594-90-8 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040925\  
Data File : BM049868.D  
Acq On : 09 Apr 2025 15:05  
Operator : RC/JU  
Sample : Q1746-03  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
B-149-SB02

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM040825.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-... | 4.898  | 13.6    | ng    | 1167670  | 1                     | 7.781  | 1711930 | 20.0 |
| Benzophenone       | 15.780 | 10.5    | ng    | 1647180  | 3                     | 14.421 | 3128350 | 20.0 |
| n-Hexadecanoic ... | 18.062 | 11.4    | ng    | 2015500  | 4                     | 17.162 | 3547430 | 20.0 |
| Octadecanoic acid  | 19.345 | 3.5     | ng    | 647957   | 5                     | 21.397 | 3725510 | 20.0 |
| Cyclotetracosane   | 21.080 | 4.2     | ng    | 781321   | 5                     | 21.397 | 3725510 | 20.0 |