

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111924\  
 Data File : BF140467.D  
 Acq On : 19 Nov 2024 12:28  
 Operator : RC/JU  
 Sample : P4870-04  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MH-735

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\_F\Methods\8270-BF111324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140467.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         | 2.199       | 10            | 18          | 25           | rVB      | 919299         | 1456825       | 43.19%          | 5.688%        |
| 2         | 5.104       | 501           | 512         | 520          | rBV      | 62171          | 101179        | 3.00%           | 0.395%        |
| 3         | 5.504       | 574           | 580         | 599          | rBV      | 2143284        | 2850682       | 84.52%          | 11.130%       |
| 4         | 6.510       | 744           | 751         | 767          | rBV      | 2155465        | 3041577       | 90.18%          | 11.875%       |
| 5         | 6.869       | 807           | 812         | 818          | rBV      | 687382         | 854809        | 25.34%          | 3.337%        |
| 6         | 7.434       | 901           | 908         | 917          | rBV      | 1450779        | 2025970       | 60.07%          | 7.910%        |
| 7         | 8.151       | 1024          | 1030        | 1042         | rBV      | 852481         | 1122668       | 33.28%          | 4.383%        |
| 8         | 9.222       | 1206          | 1212        | 1223         | rBV      | 2495695        | 3372943       | 100.00%         | 13.169%       |
| 9         | 9.904       | 1322          | 1328        | 1341         | rBV      | 987635         | 1298128       | 38.49%          | 5.068%        |
| 10        | 10.622      | 1444          | 1450        | 1457         | rBV      | 231438         | 304287        | 9.02%           | 1.188%        |
| 11        | 10.698      | 1457          | 1463        | 1477         | rBV      | 1599463        | 2153489       | 63.85%          | 8.408%        |
| 12        | 11.398      | 1576          | 1582        | 1589         | rBV      | 1039237        | 1381981       | 40.97%          | 5.396%        |
| 13        | 11.463      | 1589          | 1593        | 1598         | rVB2     | 30549          | 40491         | 1.20%           | 0.158%        |
| 14        | 11.922      | 1665          | 1671        | 1685         | rBV      | 136909         | 288376        | 8.55%           | 1.126%        |
| 15        | 12.980      | 1845          | 1851        | 1857         | rBV      | 2513247        | 3279620       | 97.23%          | 12.804%       |
| 16        | 13.551      | 1943          | 1948        | 1953         | rBV      | 26770          | 34714         | 1.03%           | 0.136%        |
| 17        | 13.886      | 2000          | 2005        | 2012         | rBV      | 42689          | 58963         | 1.75%           | 0.230%        |
| 18        | 14.051      | 2028          | 2033        | 2046         | rVB      | 709268         | 957649        | 28.39%          | 3.739%        |
| 19        | 14.210      | 2056          | 2060        | 2067         | rVB      | 40086          | 53368         | 1.58%           | 0.208%        |
| 20        | 14.533      | 2111          | 2115        | 2121         | rBV      | 43979          | 59640         | 1.77%           | 0.233%        |
| 21        | 14.851      | 2163          | 2169        | 2178         | rBV2     | 44407          | 84296         | 2.50%           | 0.329%        |
| 22        | 15.198      | 2224          | 2228        | 2234         | rVB      | 27493          | 40566         | 1.20%           | 0.158%        |
| 23        | 15.568      | 2285          | 2291        | 2306         | rBV      | 439745         | 751295        | 22.27%          | 2.933%        |

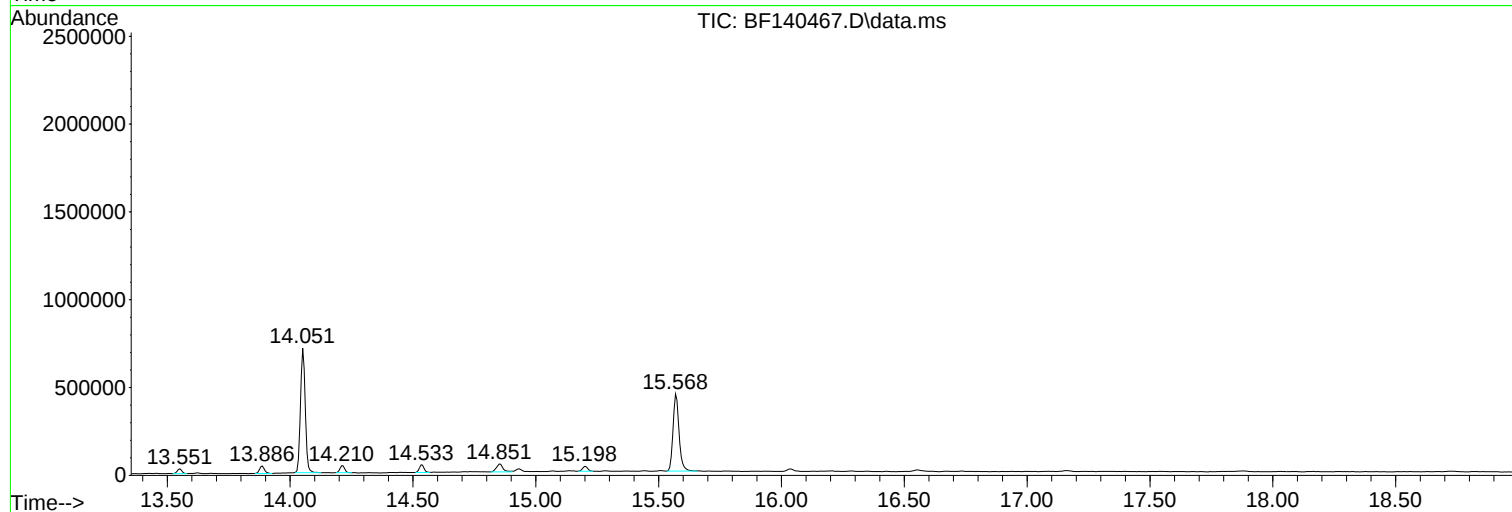
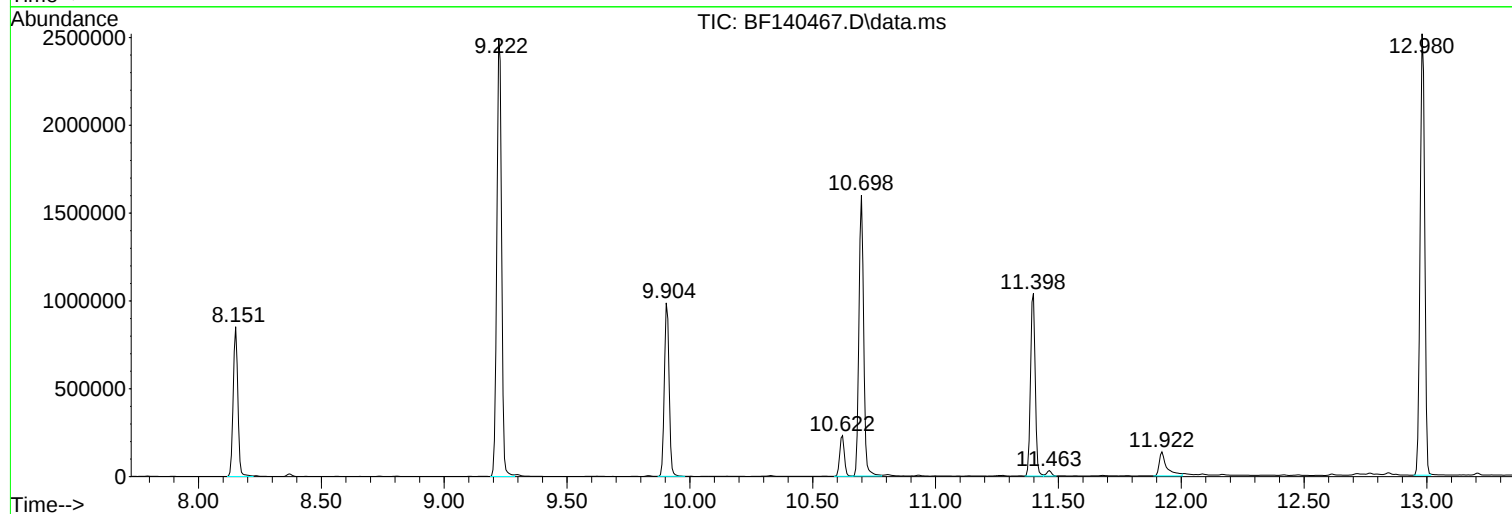
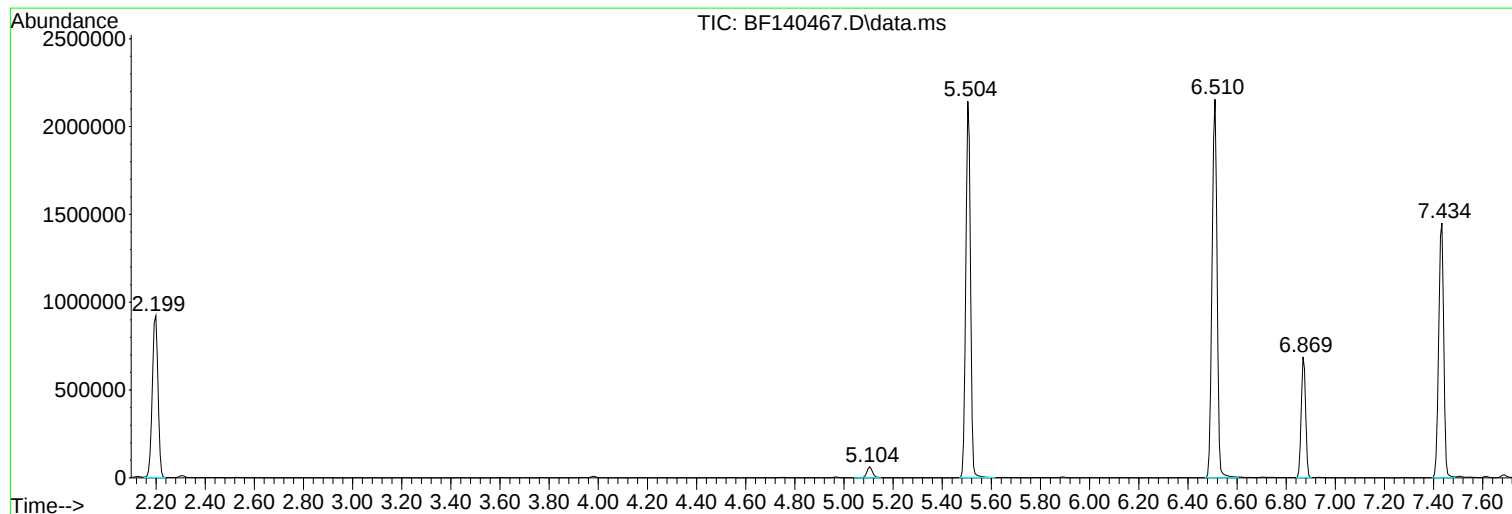
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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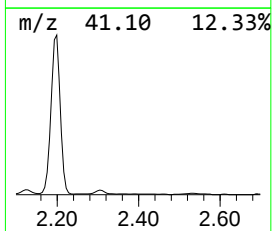
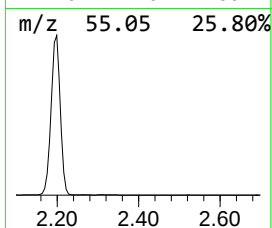
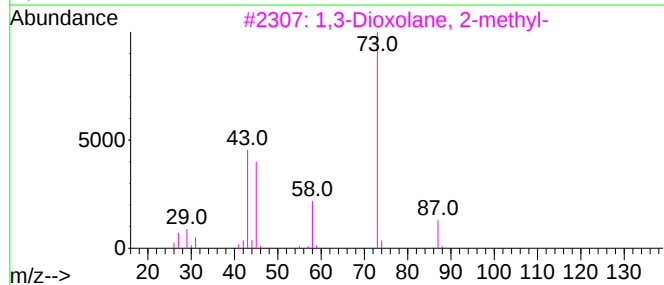
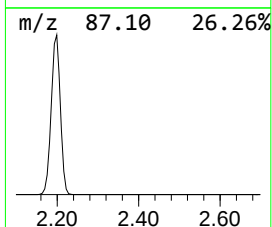
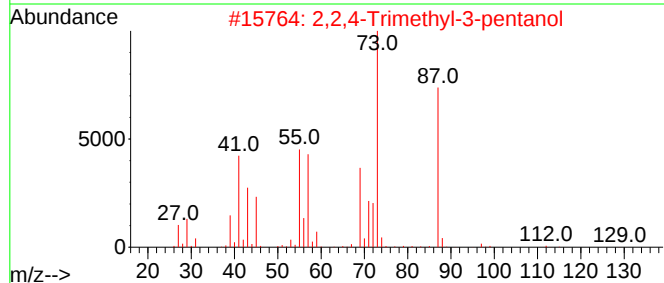
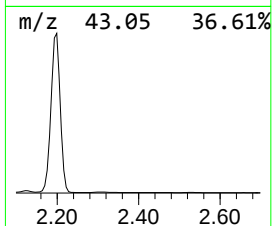
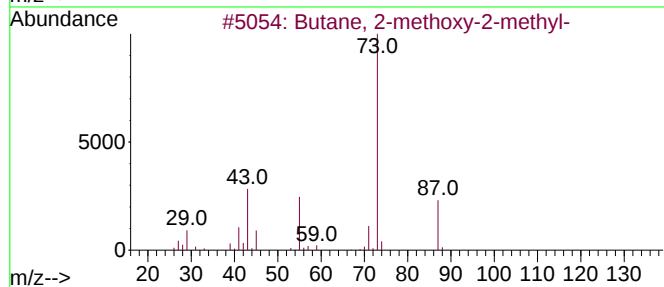
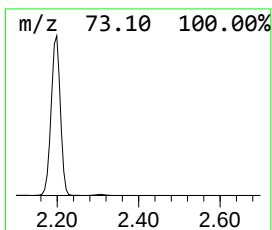
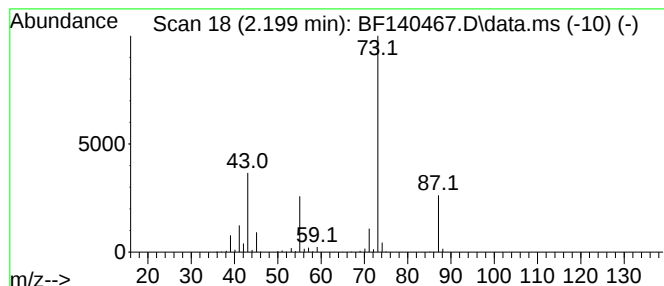
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 2.199 | 34.09 ng | 1456830 | 1,4-Dichlorobenzene-d4 | 6.869 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 3    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 25   |
| 4    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 22   |
| 5    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |



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ClientSampleId :  
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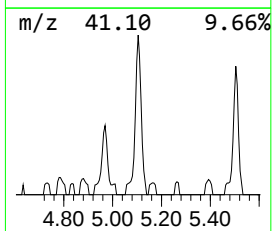
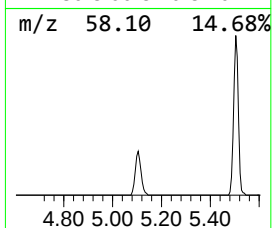
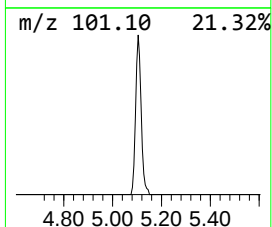
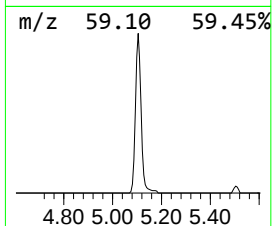
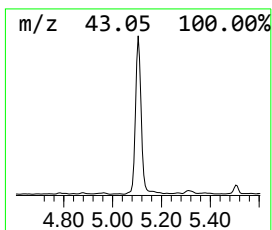
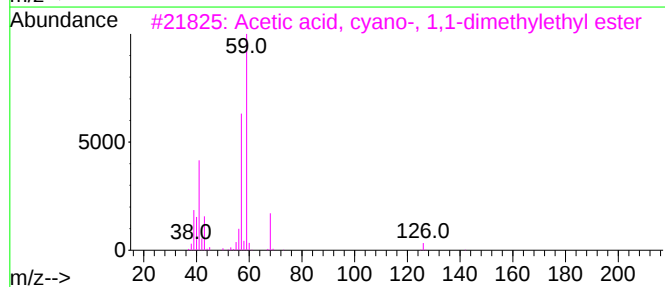
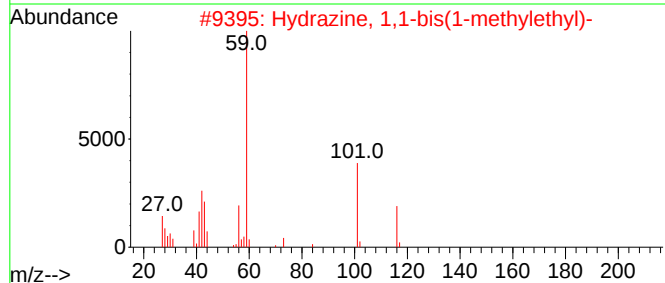
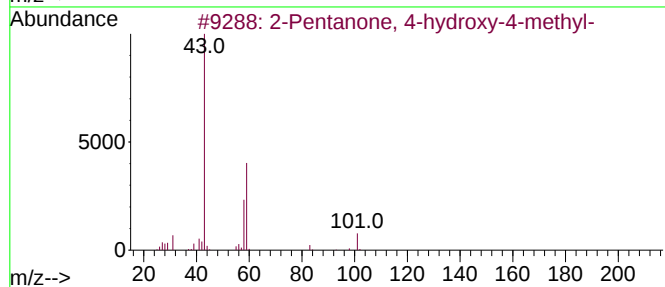
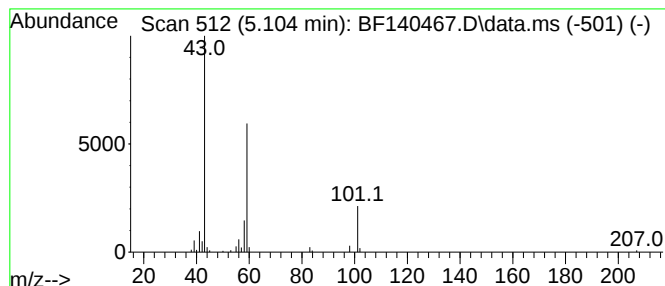
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 5.104 | 2.37 ng | 101179 | 1,4-Dichlorobenzene-d4 | 6.869 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    |   | Hydrazine, 1,1-bis(1-methylethyl)-  | 116 | C6H16N2  | 000921-14-2 | 28   |
| 3    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17   |
| 4    |    |   | 1-Propen-2-ol, acetate              | 100 | C5H8O2   | 000108-22-5 | 10   |
| 5    |    |   | Butane, 1-ethoxy-                   | 102 | C6H14O   | 000628-81-9 | 9    |



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Sample : P4870-04  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

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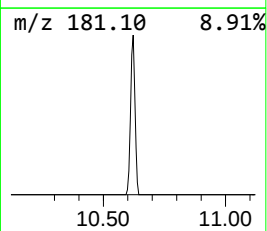
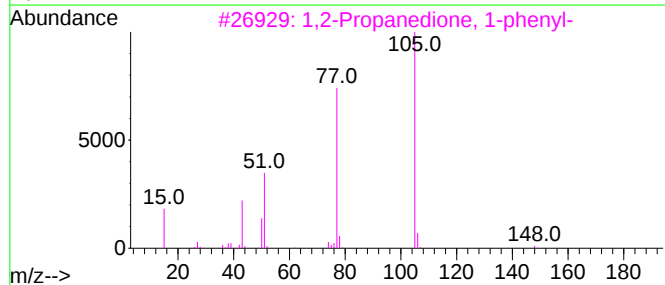
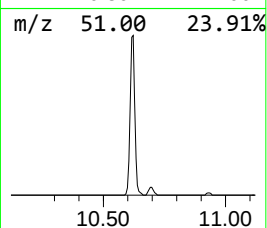
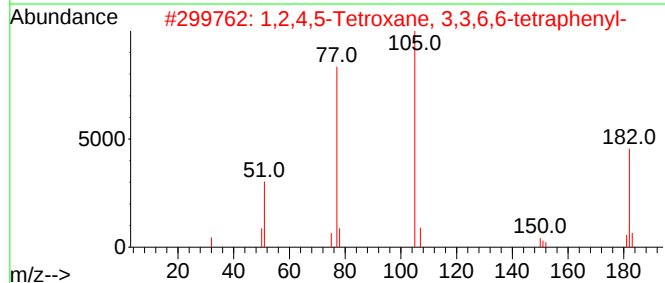
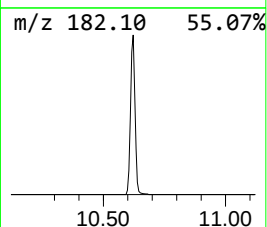
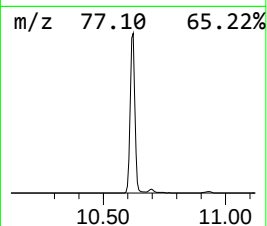
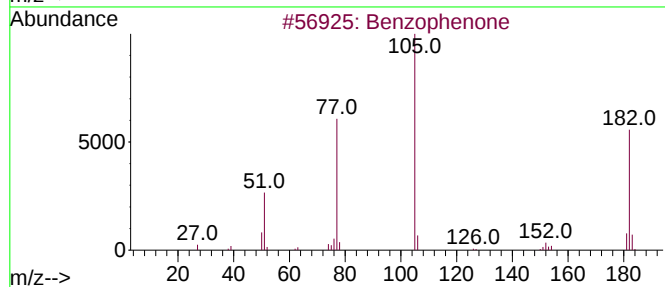
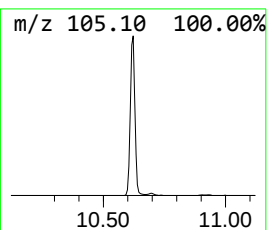
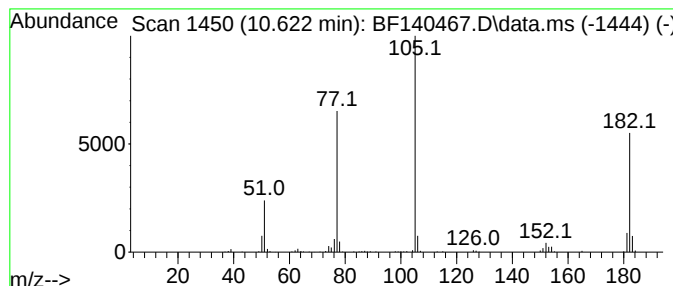
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 Benzophenone Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.622 | 4.69 ng | 304287 | Acenaphthene-d10 | 9.904 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 96   |
| 2    |    |   | 1,2,4,5-Tetroxane, 3,3,6,6-tetra... | 396 | C26H20O4 | 016204-36-7 | 78   |
| 3    |    |   | 1,2-Propanedione, 1-phenyl-         | 148 | C9H8O2   | 000579-07-7 | 47   |
| 4    |    |   | 1-Propanone, 2-bromo-1-phenyl-      | 212 | C9H9BrO  | 002114-00-3 | 47   |
| 5    |    |   | Vinyl benzoate                      | 148 | C9H8O2   | 000769-78-8 | 47   |



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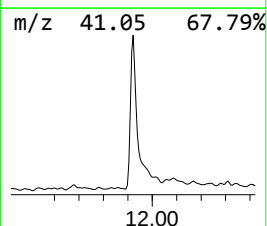
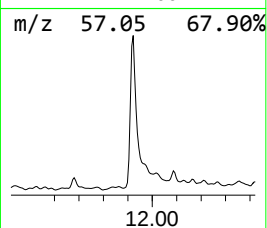
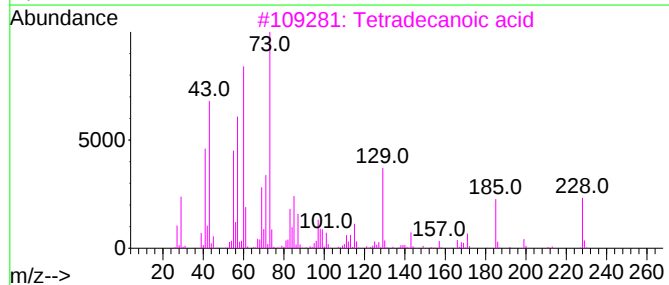
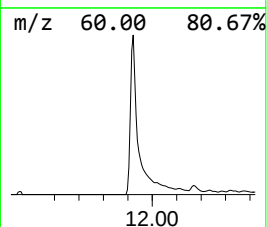
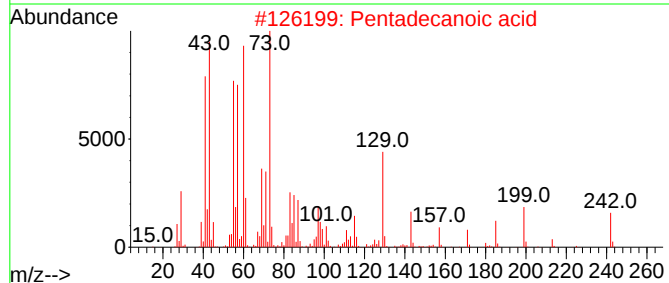
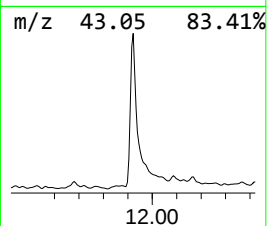
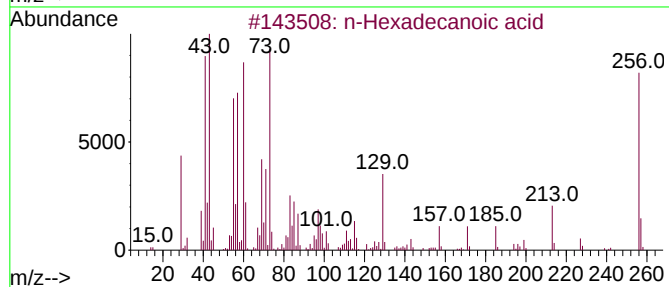
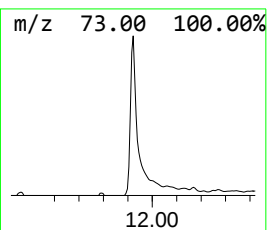
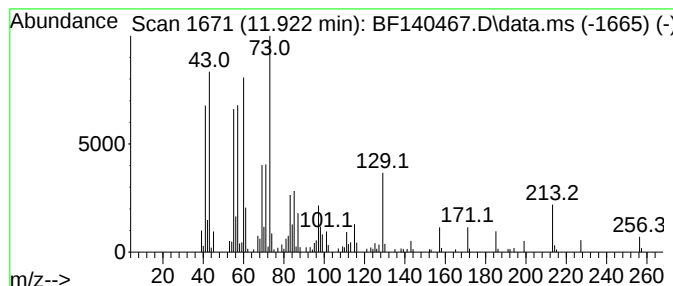
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\*\*\*\*\*  
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.922 | 4.17 ng | 288376 | Phenanthrene-d10 | 11.398 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | n-Hexadecanoic acid                | 256 | C16H32O2 | 000057-10-3  | 99   |
| 2    |    |   | Pentadecanoic acid                 | 242 | C15H30O2 | 001002-84-2  | 87   |
| 3    |    |   | Tetradecanoic acid                 | 228 | C14H28O2 | 000544-63-8  | 80   |
| 4    |    |   | Tridecanoic acid                   | 214 | C13H26O2 | 000638-53-9  | 76   |
| 5    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 35   |



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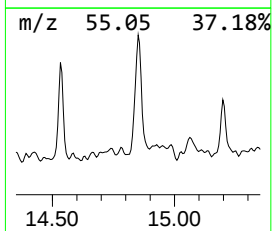
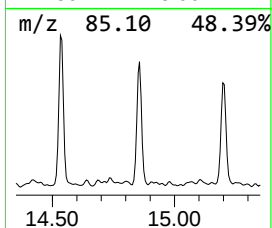
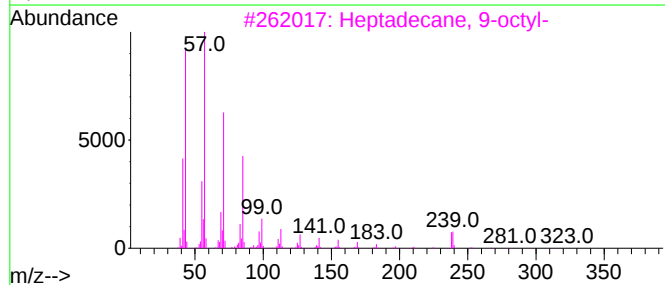
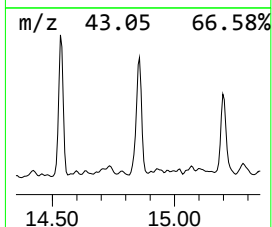
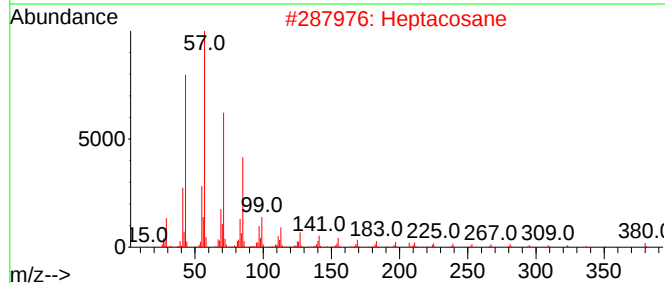
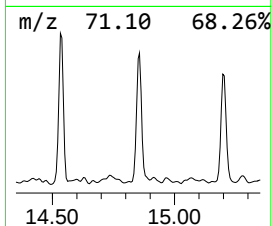
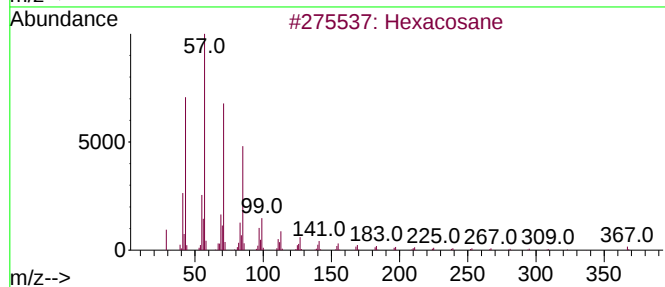
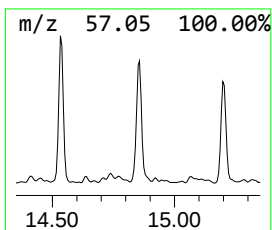
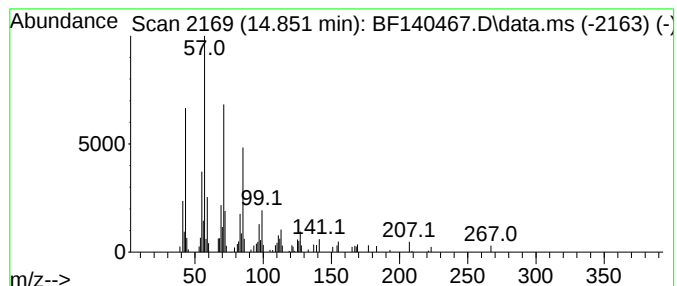
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 5 Hexacosane Concentration Rank 5

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 14.851 | 2.24 ng | 84296 | Perylene-d12     | 15.568 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Hexacosane            | 366 | C26H54  | 000630-01-3 | 81   |
| 2    |    |   | Heptacosane           | 380 | C27H56  | 000593-49-7 | 81   |
| 3    |    |   | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 74   |
| 4    |    |   | Triacontane           | 422 | C30H62  | 000638-68-6 | 72   |
| 5    |    |   | Tetratetracontane     | 619 | C44H90  | 007098-22-8 | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF111924\  
Data File : BF140467.D  
Acq On : 19 Nov 2024 12:28  
Operator : RC/JU  
Sample : P4870-04  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MH-735

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF111324.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 |
| Butane, 2-metho... | 2.199  | 34.1    | ng    | 1456830  | 1                     | 6.869  | 854809  | 20.0 |
| 2-Pentanone, 4-... | 5.104  | 2.4     | ng    | 101179   | 1                     | 6.869  | 854809  | 20.0 |
| Benzophenone       | 10.622 | 4.7     | ng    | 304287   | 3                     | 9.904  | 1298130 | 20.0 |
| n-Hexadecanoic ... | 11.922 | 4.2     | ng    | 288376   | 4                     | 11.398 | 1381980 | 20.0 |
| Hexacosane         | 14.851 | 2.2     | ng    | 84296    | 6                     | 15.568 | 751295  | 20.0 |