

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061025\  
 Data File : BP024894.D  
 Acq On : 10 Jun 2025 15:05  
 Operator : RC/JU  
 Sample : Q2176-08  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-65

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\_P\Methods\8270E-BP060625.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024894.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         | 4.773       | 305           | 312         | 323          | rBV      | 359134         | 522609        | 4.33%           | 0.764%        |
| 2         | 5.237       | 384           | 391         | 412          | rBV      | 3967121        | 5884616       | 48.81%          | 8.602%        |
| 3         | 6.814       | 652           | 659         | 688          | rBV      | 3690358        | 6350807       | 52.67%          | 9.284%        |
| 4         | 7.608       | 786           | 794         | 803          | rBV      | 948570         | 1500345       | 12.44%          | 2.193%        |
| 5         | 8.761       | 982           | 990         | 1010         | rBV      | 2352530        | 4024994       | 33.38%          | 5.884%        |
| 6         | 10.378      | 1257          | 1265        | 1279         | rBV      | 1265747        | 2182547       | 18.10%          | 3.190%        |
| 7         | 12.849      | 1678          | 1685        | 1712         | rBV      | 5463747        | 8626369       | 71.55%          | 12.610%       |
| 8         | 14.248      | 1916          | 1923        | 1939         | rBV      | 1852300        | 2932616       | 24.32%          | 4.287%        |
| 9         | 15.096      | 2056          | 2067        | 2075         | rBV      | 62765          | 137660        | 1.14%           | 0.201%        |
| 10        | 15.637      | 2153          | 2159        | 2165         | rBV      | 1187932        | 1474020       | 12.23%          | 2.155%        |
| 11        | 15.766      | 2175          | 2181        | 2202         | rBV      | 5733814        | 8157440       | 67.66%          | 11.925%       |
| 12        | 17.048      | 2393          | 2399        | 2406         | rBV2     | 2241726        | 3449250       | 28.61%          | 5.042%        |
| 13        | 17.748      | 2513          | 2518        | 2530         | rBV2     | 216475         | 347396        | 2.88%           | 0.508%        |
| 14        | 17.995      | 2554          | 2560        | 2568         | rBV      | 759652         | 1243177       | 10.31%          | 1.817%        |
| 15        | 18.054      | 2568          | 2570        | 2582         | rVB      | 79994          | 158228        | 1.31%           | 0.231%        |
| 16        | 18.437      | 2630          | 2635        | 2640         | rBV3     | 133001         | 194964        | 1.62%           | 0.285%        |
| 17        | 19.189      | 2758          | 2763        | 2773         | rBV      | 197705         | 350490        | 2.91%           | 0.512%        |
| 18        | 19.331      | 2783          | 2787        | 2794         | rBV3     | 180853         | 335131        | 2.78%           | 0.490%        |
| 19        | 19.560      | 2823          | 2826        | 2831         | rBV      | 156292         | 202872        | 1.68%           | 0.297%        |
| 20        | 19.783      | 2858          | 2864        | 2875         | rBV      | 9787868        | 12057080      | 100.00%         | 17.625%       |
| 21        | 21.160      | 3094          | 3098        | 3107         | rBV2     | 314631         | 596044        | 4.94%           | 0.871%        |
| 22        | 21.483      | 3148          | 3153        | 3159         | rBV2     | 2271181        | 3706506       | 30.74%          | 5.418%        |
| 23        | 24.736      | 3700          | 3706        | 3719         | rVB      | 1416725        | 3973423       | 32.96%          | 5.808%        |

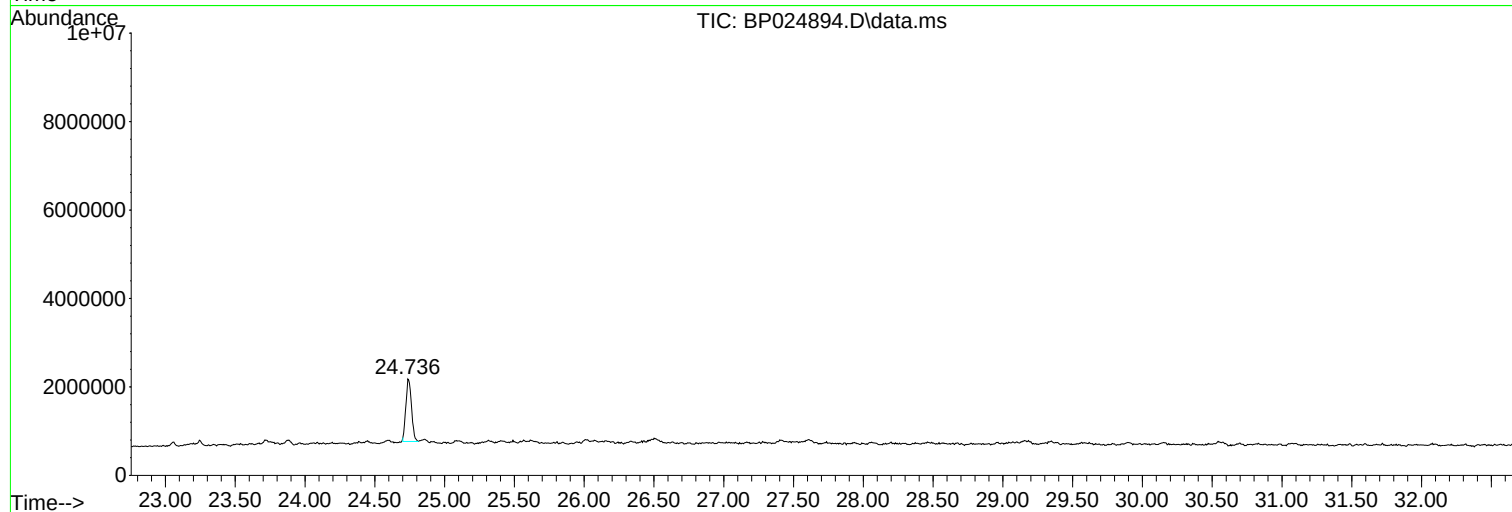
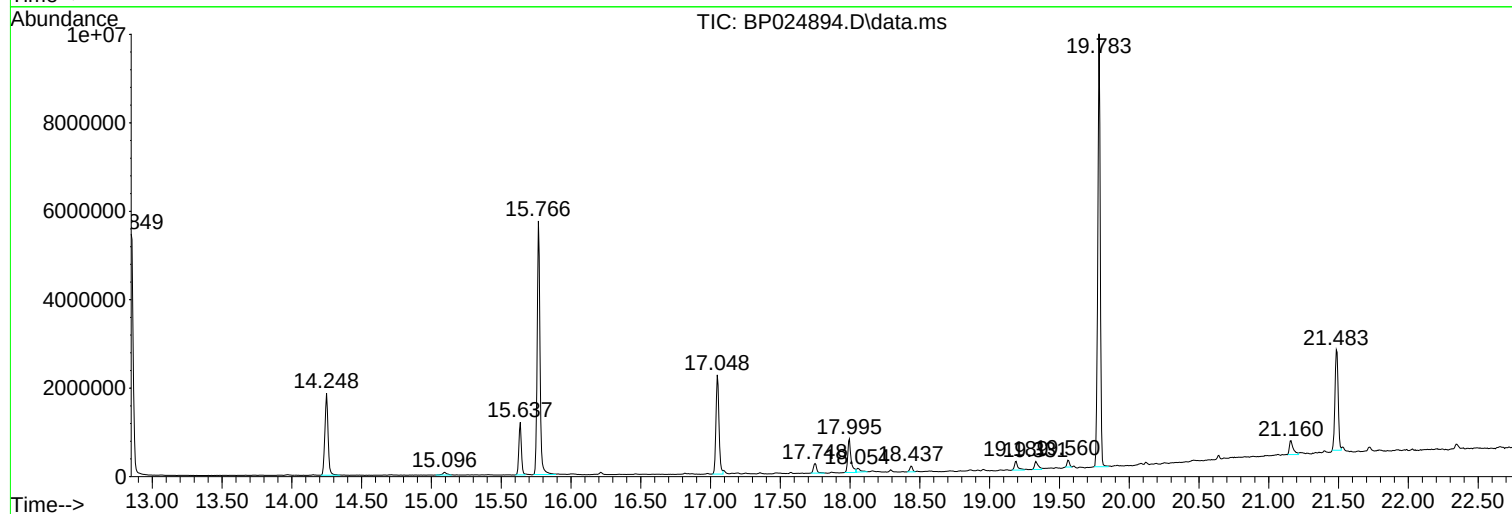
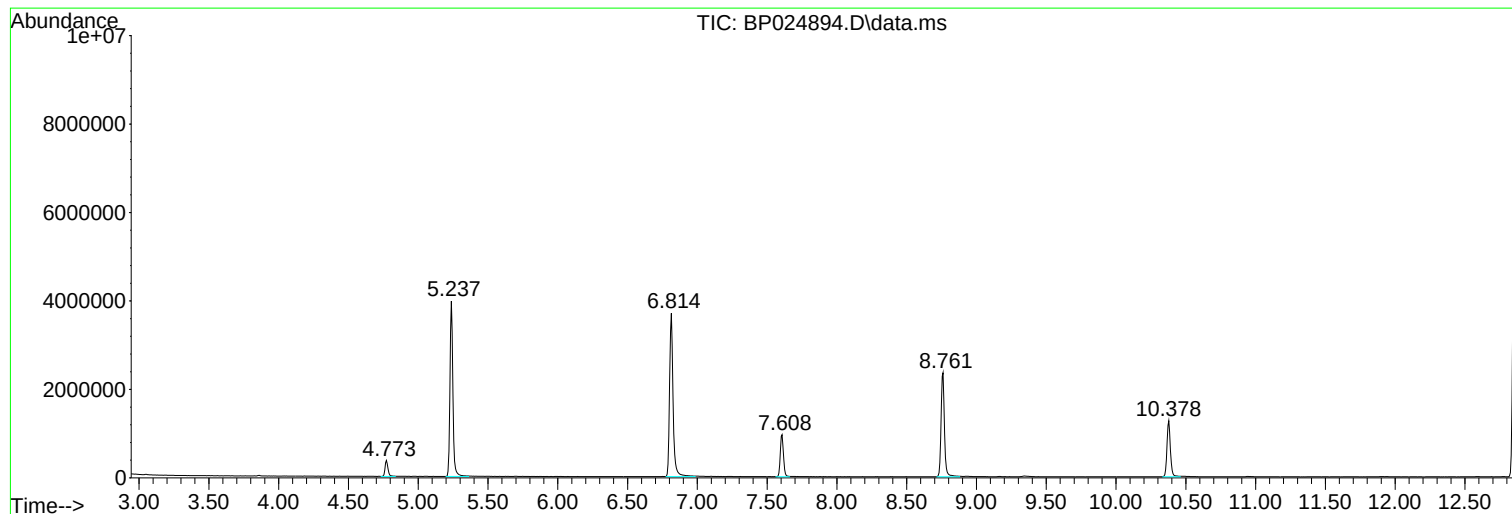
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BNA\_P  
ClientSampleId :  
TP-65

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060625.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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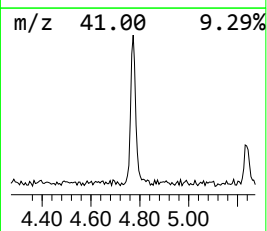
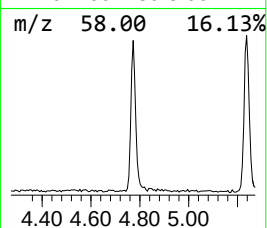
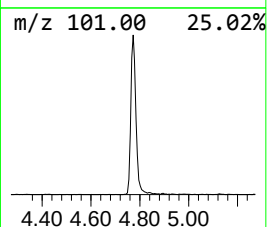
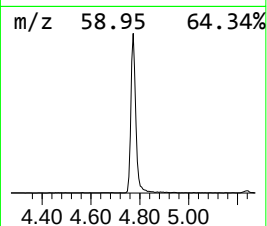
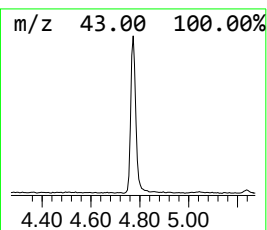
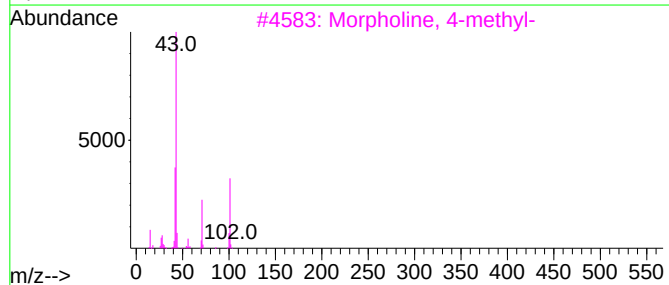
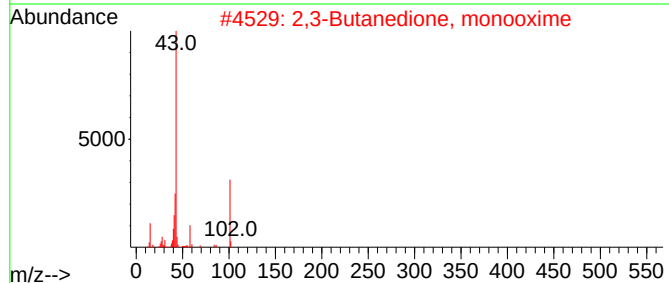
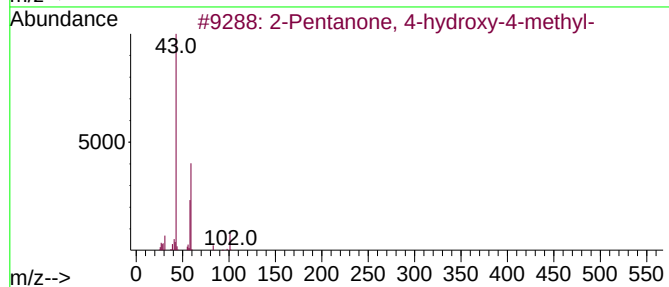
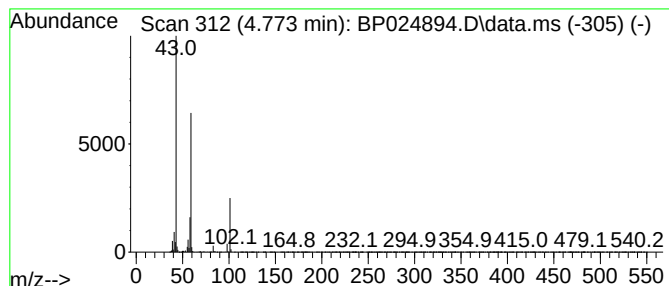
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.773 | 6.97 ng | 522609 | 1,4-Dichlorobenzene-d4 | 7.608 |

| Hit# | of                                 | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2      | 000123-42-2 | 56      |      |      |
| 2    | 2,3-Butanedione, monooxime         | 101 | C4H7NO2      | 000057-71-6 | 17      |      |      |
| 3    | Morpholine, 4-methyl-              | 101 | C5H11NO      | 000109-02-4 | 9       |      |      |
| 4    | Butane, 1-ethoxy-                  | 102 | C6H14O       | 000628-81-9 | 9       |      |      |
| 5    | (+)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2      | 016504-58-8 | 9       |      |      |



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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-65

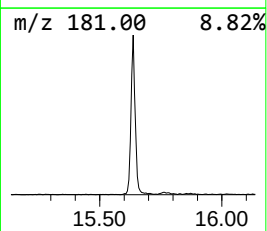
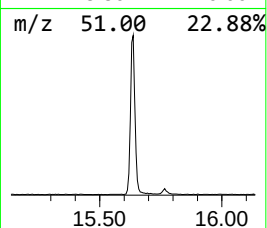
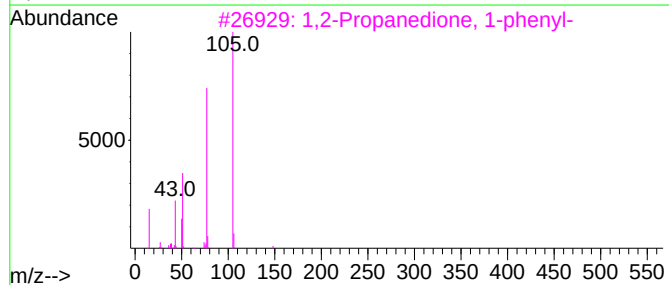
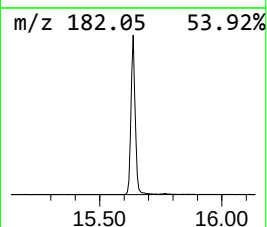
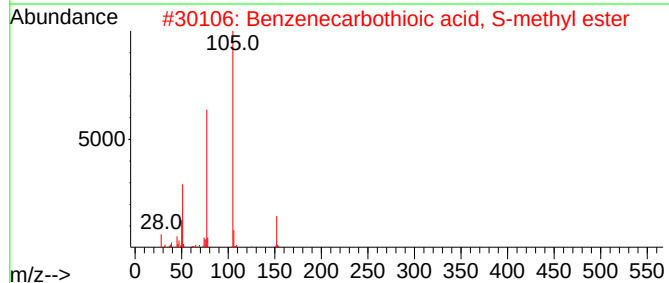
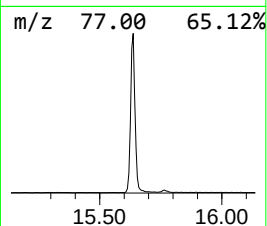
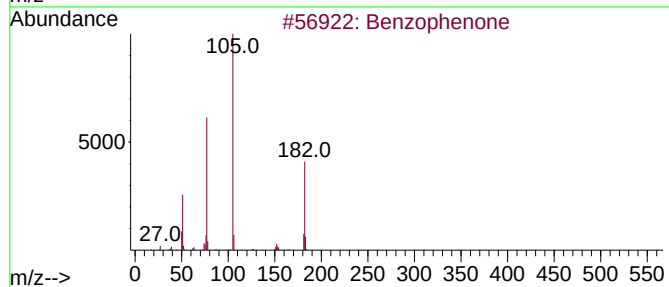
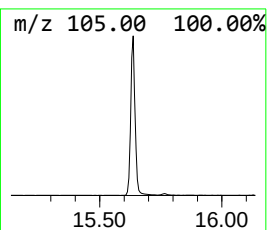
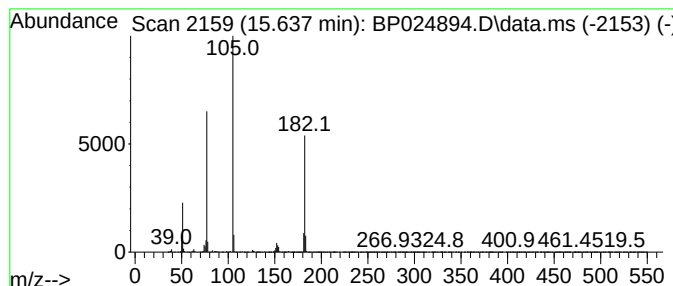
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060625.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Benzophenone Concentration Rank 1

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 15.637 | 10.05 ng | 1474020 | Acenaphthene-d10 | 14.249 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O | 000119-61-9 | 97   |
| 2    |    |   | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS  | 005925-68-8 | 50   |
| 3    |    |   | 1,2-Propanedione, 1-phenyl-         | 148 | C9H8O2  | 000579-07-7 | 47   |
| 4    |    |   | Benzenepropanenitrile, .beta.-oxo-  | 145 | C9H7NO  | 000614-16-4 | 47   |
| 5    |    |   | 1-Propanone, 2-bromo-1-phenyl-      | 212 | C9H9BrO | 002114-00-3 | 47   |



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Sample : Q2176-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-65

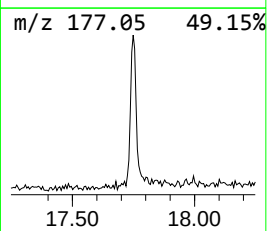
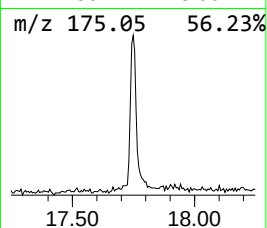
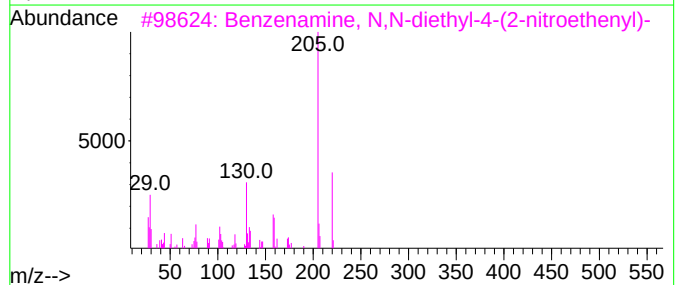
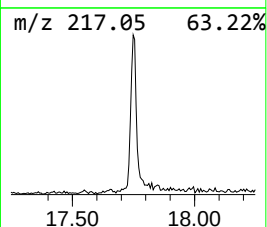
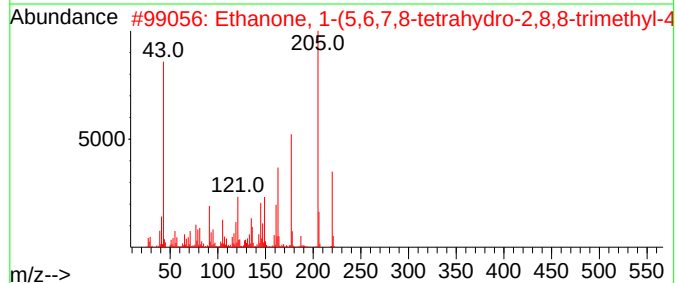
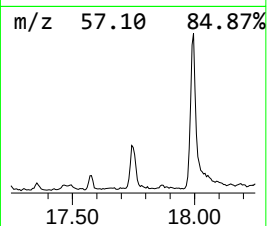
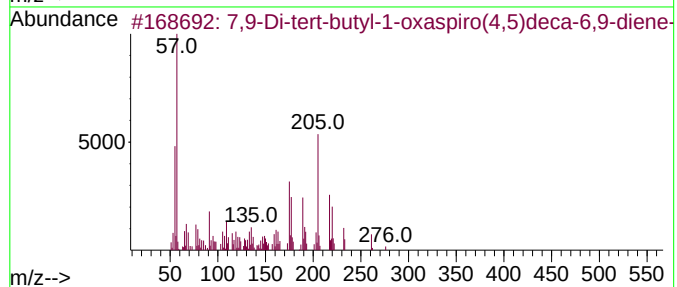
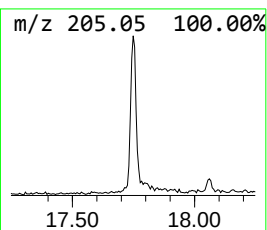
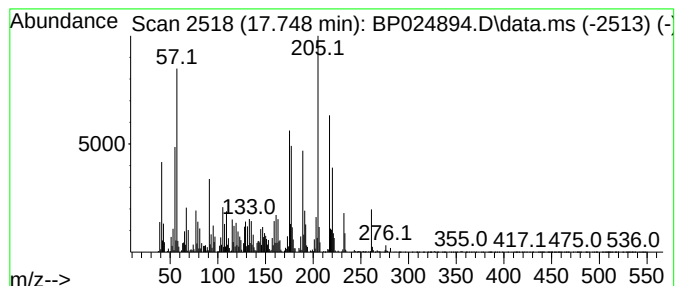
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 6

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 17.748 | 2.01 ng | 347396 | Phenanthrene-d10 | 17.048 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 7,9-Di-tert-butyl-1-oxaspiro(4,5... | 276 | C17H24O3     | 082304-66-3 | 99      |      |      |
| 2    | Ethanone, 1-(5,6,7,8-tetrahydro-... | 220 | C14H20O2     | 071596-88-8 | 56      |      |      |
| 3    | Benzenamine, N,N-diethyl-4-(2-ni... | 220 | C12H16N2O2   | 064462-51-7 | 55      |      |      |
| 4    | 1-(3-Amino-4,6-dimethylthieno[2,... | 220 | C11H12N2OS   | 052505-42-7 | 50      |      |      |
| 5    | 9-Acetylphenanthrene                | 220 | C16H12O      | 002039-77-2 | 45      |      |      |



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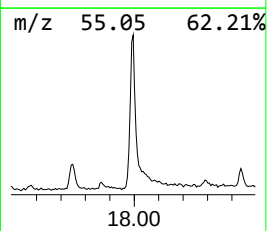
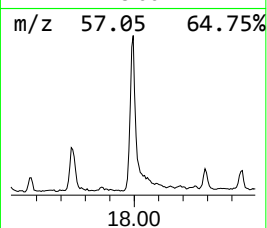
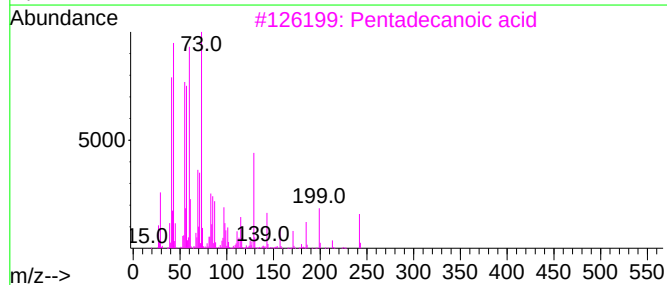
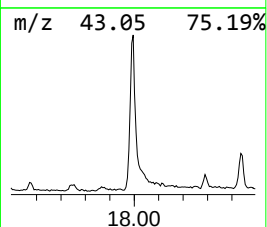
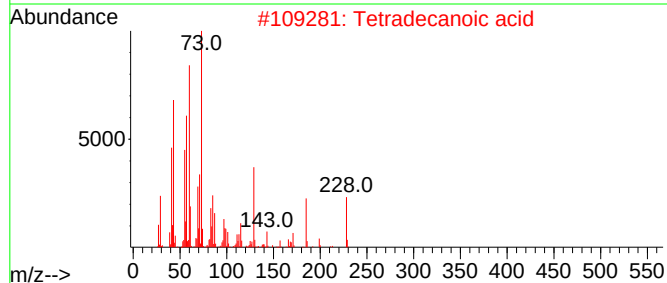
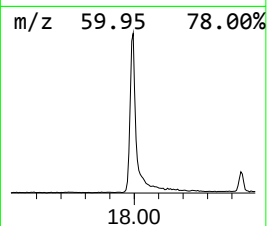
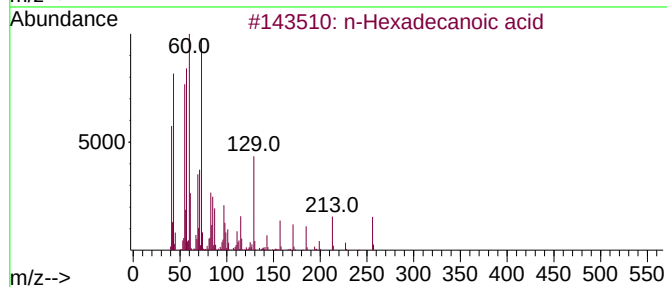
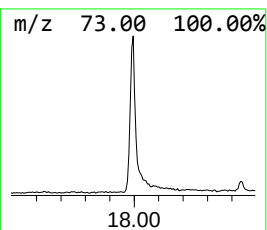
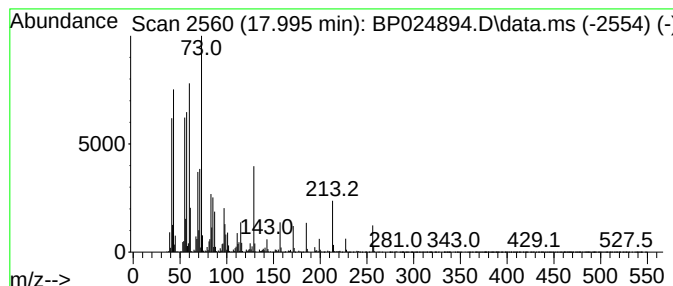
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 17.995 | 7.21 ng | 1243180 | Phenanthrene-d10 | 17.048 |

| 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    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 93   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 90   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 70   |



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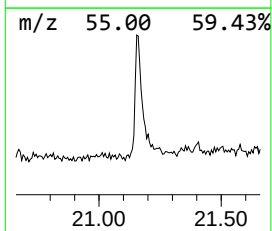
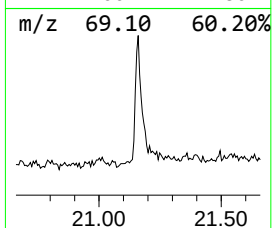
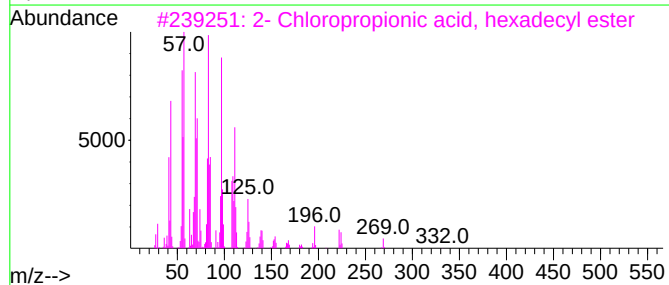
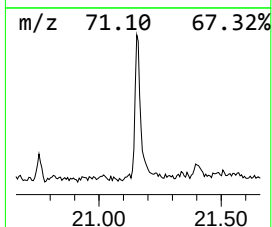
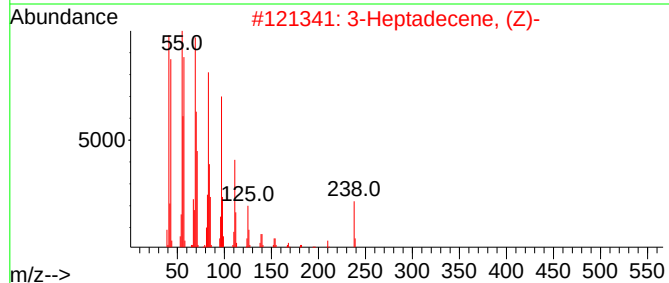
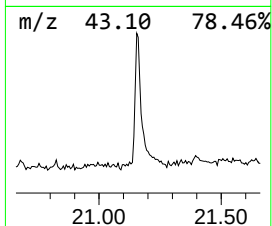
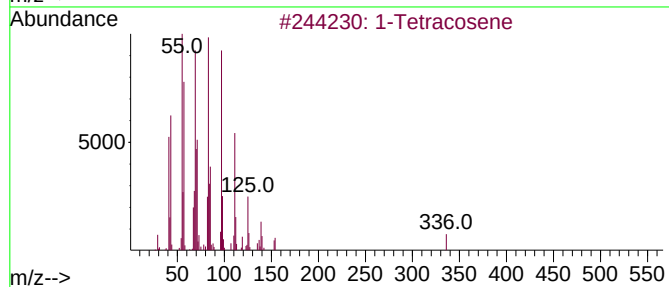
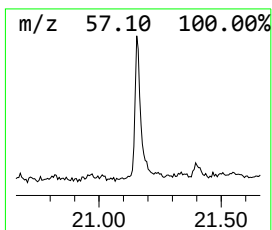
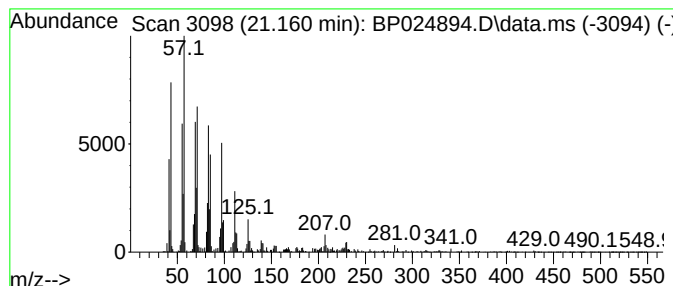
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 1-Tetracosene Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.160 | 3.22 ng | 596044 | Chrysene-d12     | 21.483 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | 1-Tetracosene                       | 336 | C24H48      | 010192-32-2  | 96   |
| 2    |    |   | 3-Heptadecene, (Z)-                 | 238 | C17H34      | 1000141-67-3 | 95   |
| 3    |    |   | 2- Chloropropionic acid, hexadec... | 332 | C19H37ClO2  | 086711-81-1  | 93   |
| 4    |    |   | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 93   |
| 5    |    |   | Ethanol, 2-(tetradecyloxy)-         | 258 | C16H34O2    | 002136-70-1  | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP061025\  
Data File : BP024894.D  
Acq On : 10 Jun 2025 15:05  
Operator : RC/JU  
Sample : Q2176-08  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-65

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP060625.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-... | 4.773  | 7.0     | ng    | 522609   | 1                     | 7.608  | 1500350 | 20.0 |
| Benzophenone       | 15.637 | 10.1    | ng    | 1474020  | 3                     | 14.249 | 2932620 | 20.0 |
| 7,9-Di-tert-but... | 17.748 | 2.0     | ng    | 347396   | 4                     | 17.048 | 3449250 | 20.0 |
| n-Hexadecanoic ... | 17.995 | 7.2     | ng    | 1243180  | 4                     | 17.048 | 3449250 | 20.0 |
| 1-Tetracosene      | 21.160 | 3.2     | ng    | 596044   | 5                     | 21.483 | 3706510 | 20.0 |