

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052825\  
 Data File : BP024823.D  
 Acq On : 28 May 2025 20:13  
 Operator : RC/JU  
 Sample : Q2130-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-3

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-BP051325.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024823.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         | 4.817       | 284           | 294         | 302          | rBV      | 67662          | 116016        | 2.78%           | 0.491%        |
| 2         | 5.281       | 367           | 373         | 379          | rBV      | 766177         | 1222738       | 29.33%          | 5.175%        |
| 3         | 5.693       | 437           | 443         | 451          | rVB2     | 40683          | 60803         | 1.46%           | 0.257%        |
| 4         | 6.846       | 626           | 639         | 668          | rBV      | 671425         | 1380089       | 33.10%          | 5.841%        |
| 5         | 7.646       | 766           | 775         | 783          | rBV      | 350957         | 596284        | 14.30%          | 2.524%        |
| 6         | 8.793       | 963           | 970         | 979          | rBV      | 446567         | 823066        | 19.74%          | 3.484%        |
| 7         | 10.410      | 1235          | 1245        | 1262         | rBV      | 444816         | 920229        | 22.07%          | 3.895%        |
| 8         | 12.881      | 1658          | 1665        | 1683         | rBV      | 1216833        | 2069093       | 49.63%          | 8.758%        |
| 9         | 14.275      | 1892          | 1902        | 1917         | rBV      | 878011         | 1388156       | 33.30%          | 5.876%        |
| 10        | 15.663      | 2131          | 2138        | 2144         | rBV      | 353723         | 508168        | 12.19%          | 2.151%        |
| 11        | 15.798      | 2154          | 2161        | 2183         | rBV      | 1640988        | 2535091       | 60.81%          | 10.730%       |
| 12        | 16.022      | 2195          | 2199        | 2202         | rBV2     | 36767          | 54118         | 1.30%           | 0.229%        |
| 13        | 16.234      | 2230          | 2235        | 2245         | rVB      | 58770          | 99563         | 2.39%           | 0.421%        |
| 14        | 16.828      | 2332          | 2336        | 2341         | rBV      | 39914          | 55593         | 1.33%           | 0.235%        |
| 15        | 16.881      | 2341          | 2345        | 2358         | rVB      | 35721          | 69577         | 1.67%           | 0.294%        |
| 16        | 17.075      | 2372          | 2378        | 2391         | rBV      | 1194694        | 1735121       | 41.62%          | 7.344%        |
| 17        | 17.592      | 2462          | 2466        | 2471         | rVB      | 40666          | 58554         | 1.40%           | 0.248%        |
| 18        | 18.016      | 2533          | 2538        | 2547         | rBV2     | 250961         | 388724        | 9.32%           | 1.645%        |
| 19        | 18.310      | 2584          | 2588        | 2594         | rBV      | 68369          | 97613         | 2.34%           | 0.413%        |
| 20        | 18.975      | 2697          | 2701        | 2706         | rVB3     | 88553          | 123555        | 2.96%           | 0.523%        |
| 21        | 19.198      | 2736          | 2739        | 2743         | rBV      | 37000          | 59749         | 1.43%           | 0.253%        |
| 22        | 19.339      | 2760          | 2763        | 2772         | rBV6     | 67176          | 151309        | 3.63%           | 0.640%        |
| 23        | 19.575      | 2800          | 2803        | 2807         | rBV2     | 139546         | 177125        | 4.25%           | 0.750%        |
| 24        | 19.798      | 2836          | 2841        | 2851         | rBV      | 3456654        | 4168871       | 100.00%         | 17.645%       |
| 25        | 20.133      | 2895          | 2898        | 2902         | rBV2     | 128250         | 148427        | 3.56%           | 0.628%        |
| 26        | 20.651      | 2984          | 2986        | 2990         | rVB      | 146627         | 145962        | 3.50%           | 0.618%        |
| 27        | 21.175      | 3071          | 3075        | 3086         | rVB      | 317705         | 467195        | 11.21%          | 1.977%        |
| 28        | 21.498      | 3125          | 3130        | 3138         | rVB      | 1352289        | 2028412       | 48.66%          | 8.585%        |
| 29        | 24.774      | 3682          | 3687        | 3696         | rVB2     | 940935         | 1976896       | 47.42%          | 8.367%        |

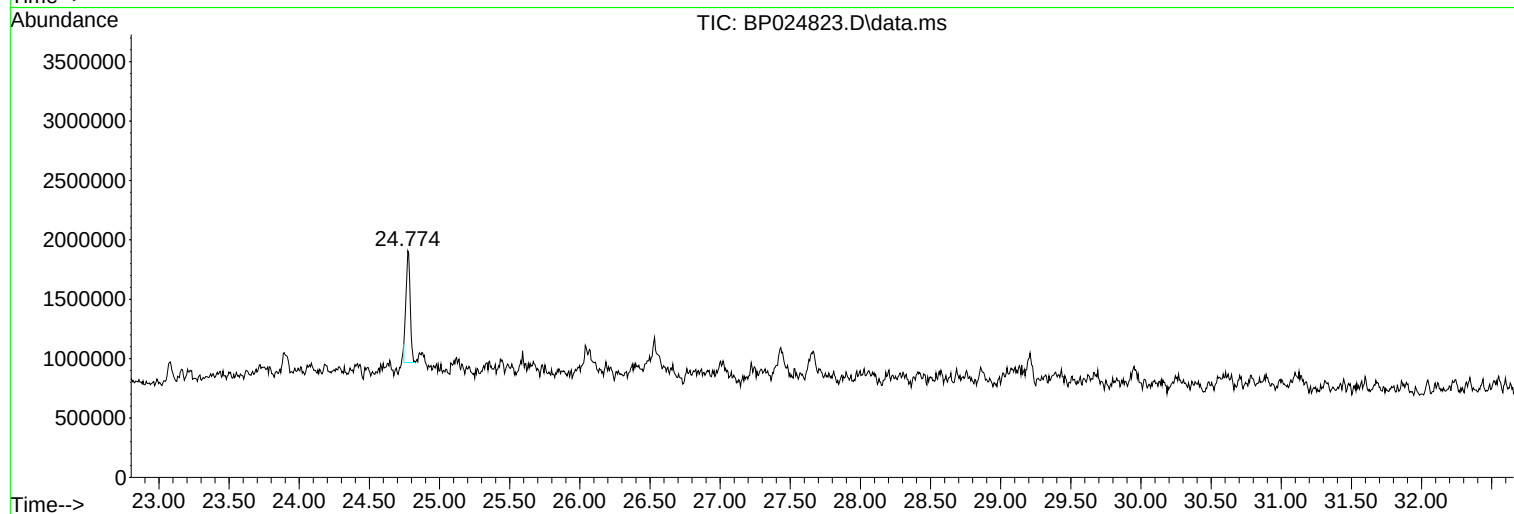
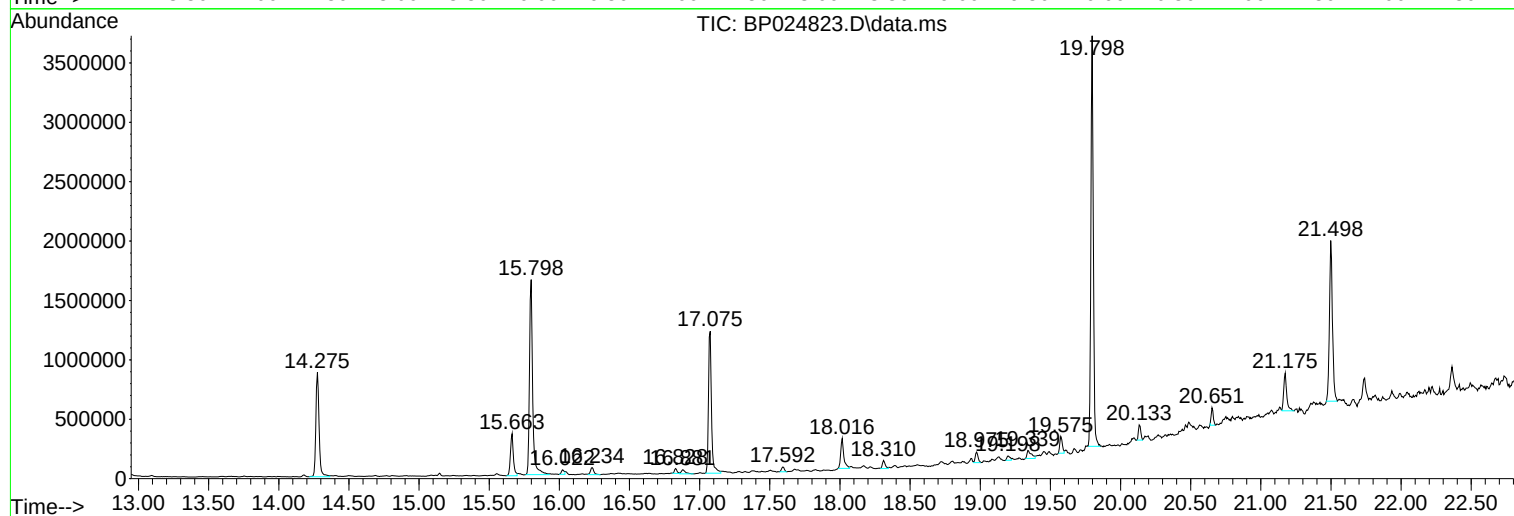
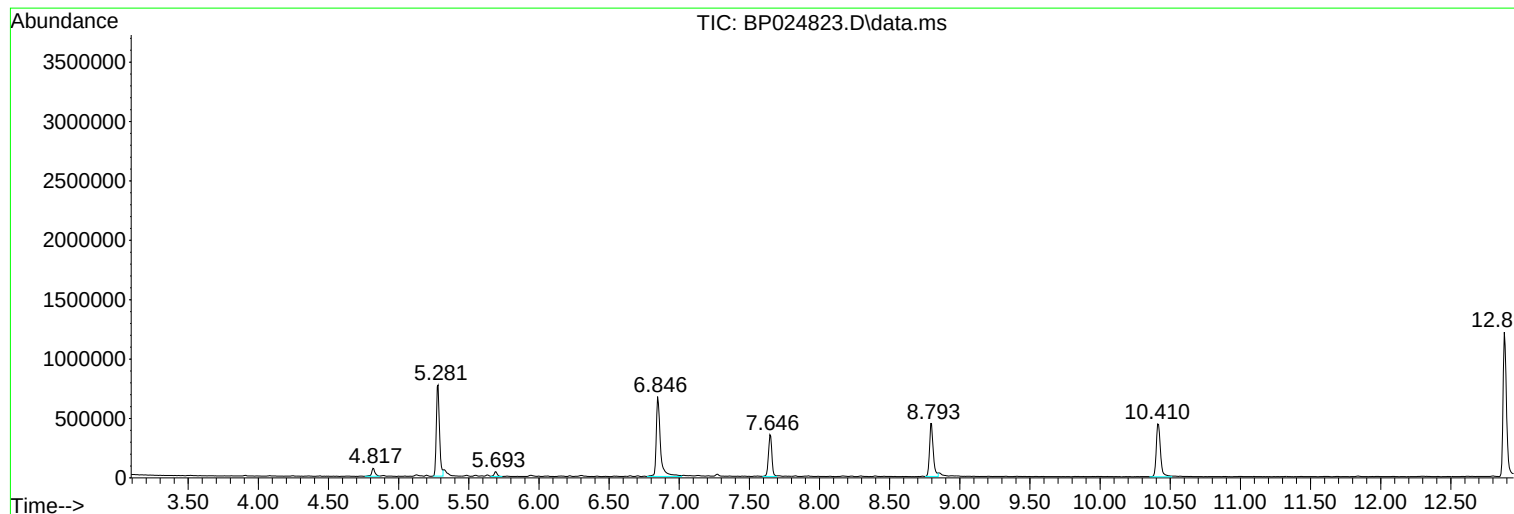
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Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP051325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052825\  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

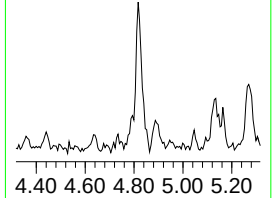
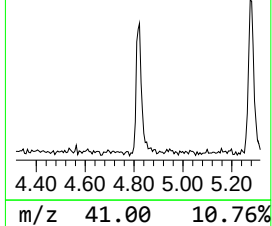
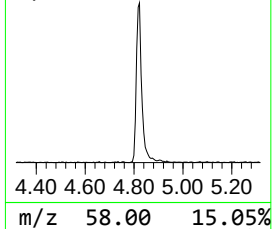
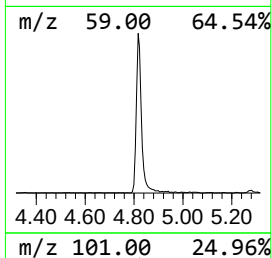
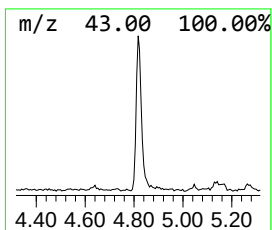
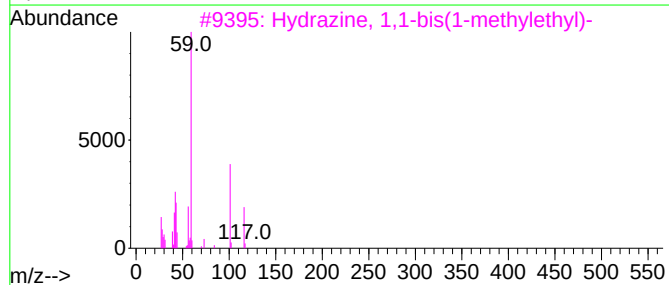
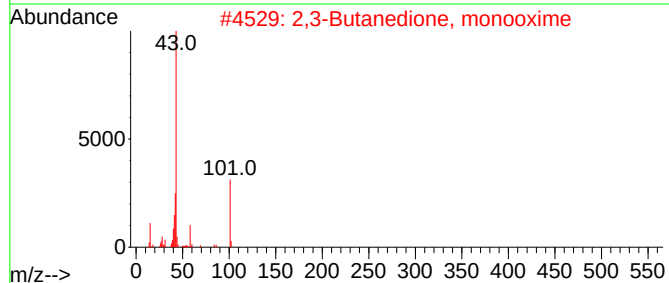
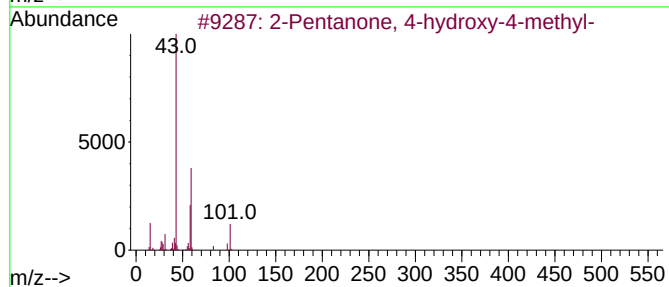
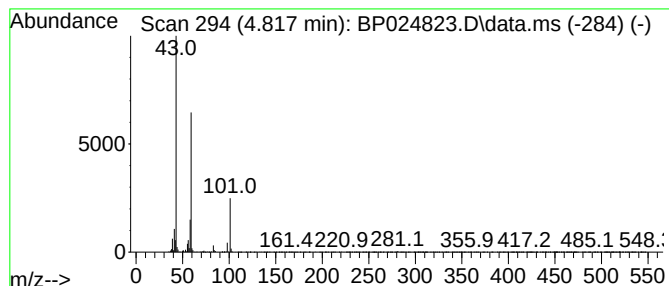
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.817 | 3.89 ng | 116016 | 1,4-Dichlorobenzene-d4 | 7.646 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 59      |      |      |
| 2    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2      | 000057-71-6 | 35      |      |      |
| 3    | Hydrazine, 1,1-bis(1-methylethyl)-  | 116 | C6H16N2      | 000921-14-2 | 23      |      |      |
| 4    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2     | 001116-98-9 | 12      |      |      |
| 5    | Morpholine, 4-methyl-               | 101 | C5H11NO      | 000109-02-4 | 9       |      |      |



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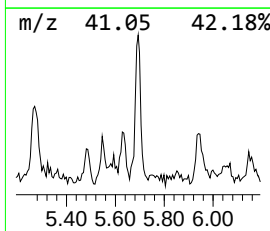
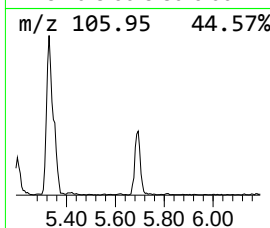
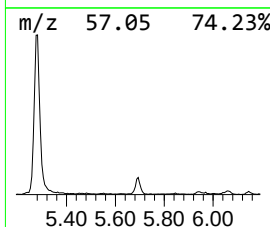
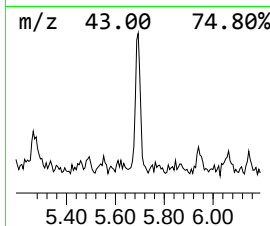
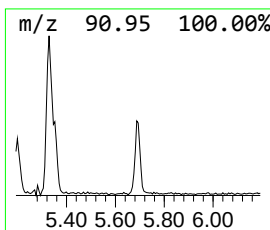
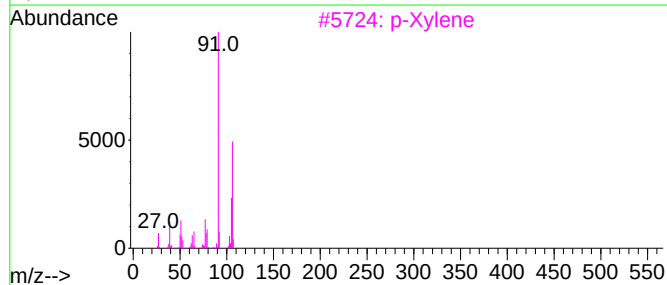
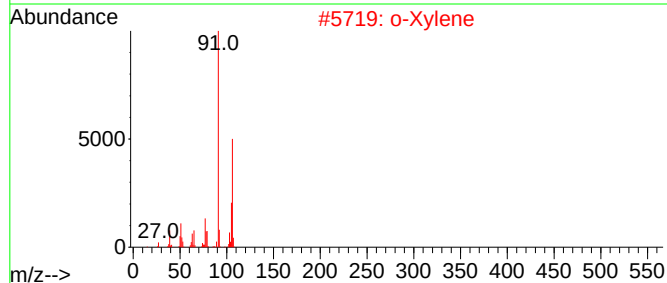
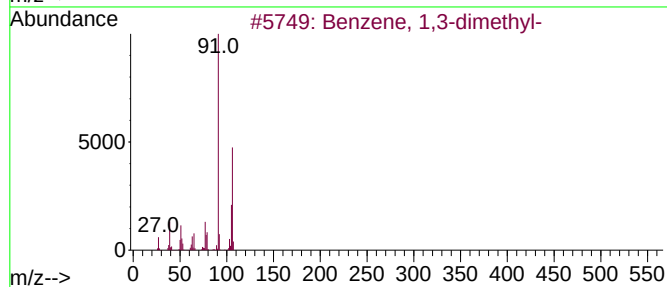
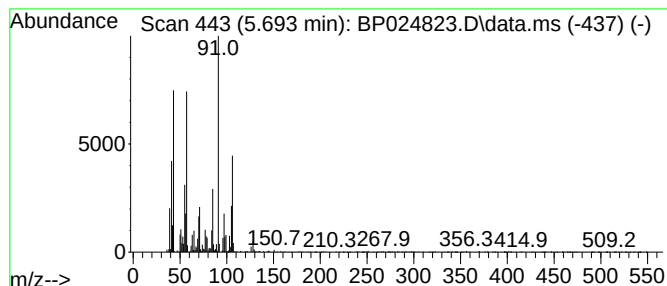
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP051325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 5

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 5.693 | 2.04 ng | 60803 | 1,4-Dichlorobenzene-d4 | 7.646 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|------|------------------------|-----|---------|-------------|------|
| 1    |      | Benzene, 1,3-dimethyl- | 106 | C8H10   | 000108-38-3 | 62   |
| 2    |      | o-Xylene               | 106 | C8H10   | 000095-47-6 | 60   |
| 3    |      | p-Xylene               | 106 | C8H10   | 000106-42-3 | 46   |
| 4    |      | Ethylbenzene           | 106 | C8H10   | 000100-41-4 | 42   |
| 5    |      | Nonane                 | 128 | C9H20   | 000111-84-2 | 42   |



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Sample : Q2130-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-3

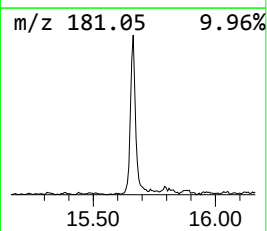
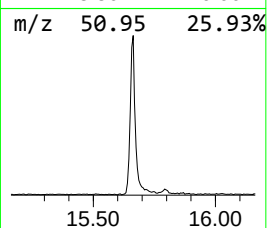
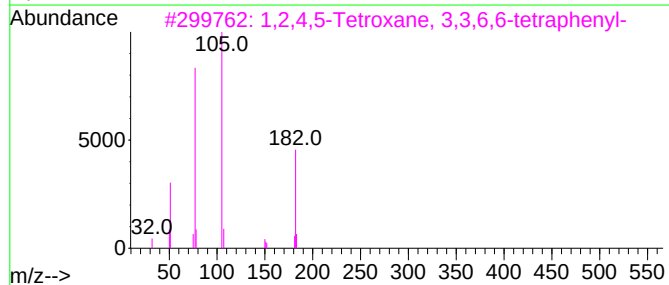
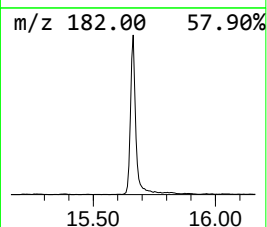
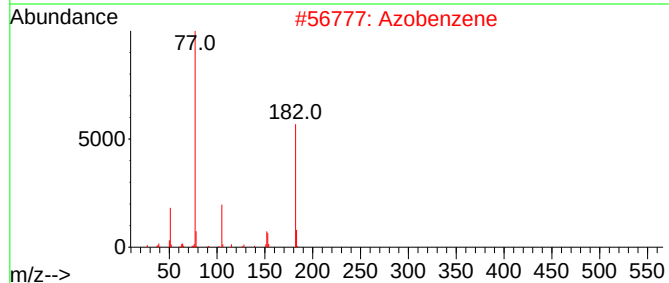
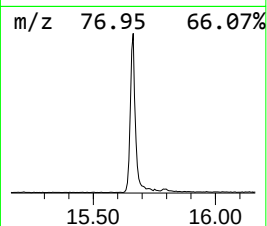
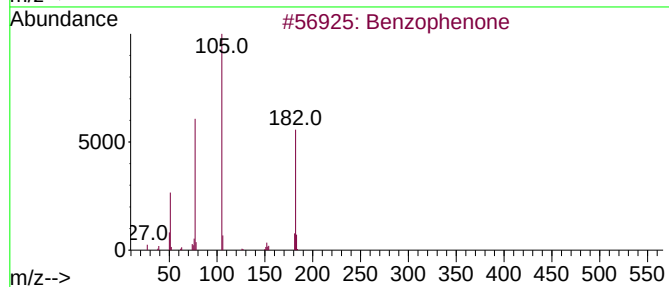
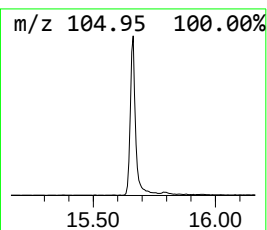
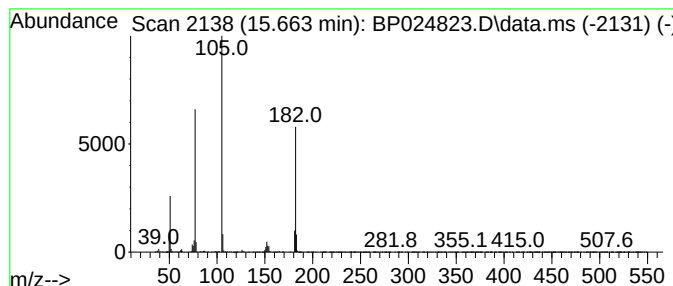
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP051325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Benzophenone Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.663 | 7.32 ng | 508168 | Acenaphthene-d10 | 14.275 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 96   |
| 2    |    |   | Azobenzene                          | 182 | C12H10N2 | 000103-33-3 | 64   |
| 3    |    |   | 1,2,4,5-Tetroxane, 3,3,6,6-tetra... | 396 | C26H20O4 | 016204-36-7 | 64   |
| 4    |    |   | Methanone, phenyl-2-pyridinyl-      | 183 | C12H9NO  | 000091-02-1 | 56   |
| 5    |    |   | Benzenamine, N-(3-pyridinylmethy... | 182 | C12H10N2 | 029722-97-2 | 42   |



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Instrument :  
BNA\_P  
ClientSampleId :  
TP-3

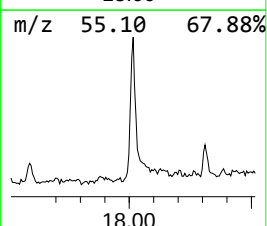
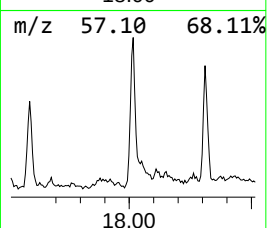
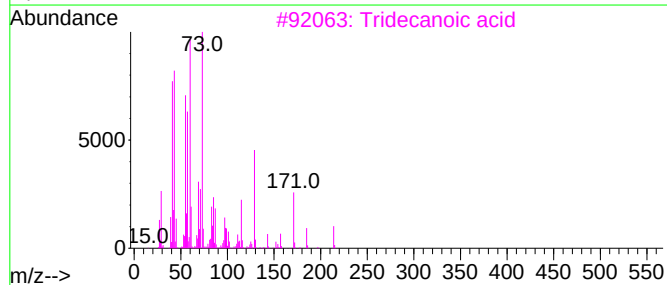
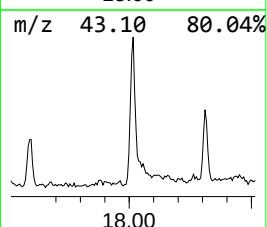
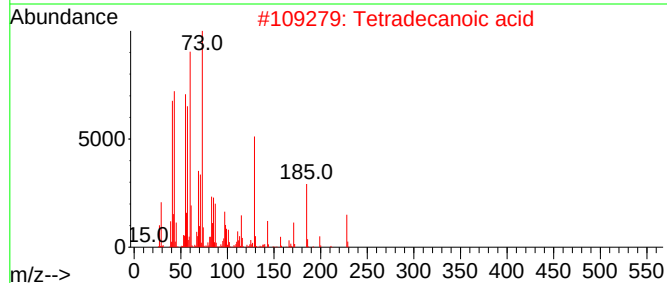
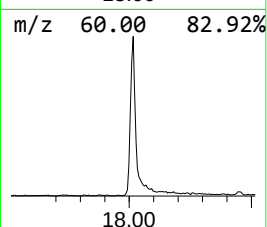
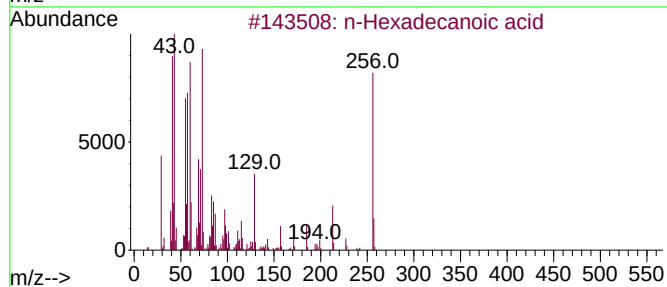
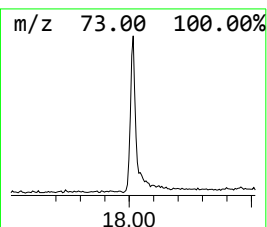
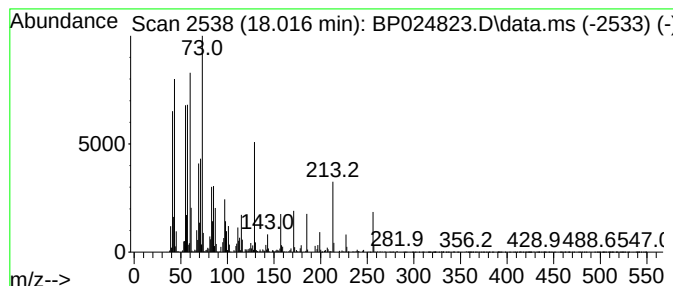
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TIC Library : C:\Database\NIST20.L  
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.016 | 4.48 ng | 388724 | Phenanthrene-d10 | 17.075 |

| 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 | 91   |
| 3    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 90   |
| 4    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 83   |
| 5    |    |   | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 74   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP051325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

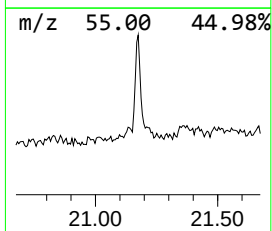
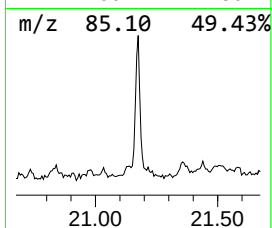
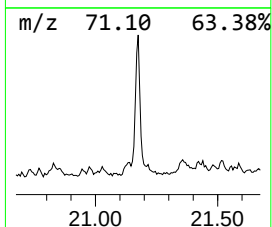
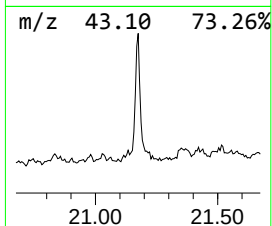
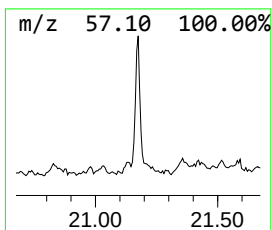
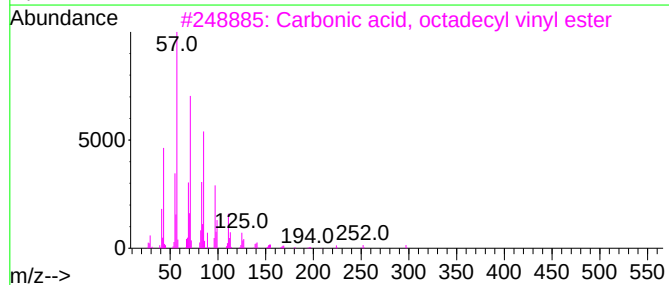
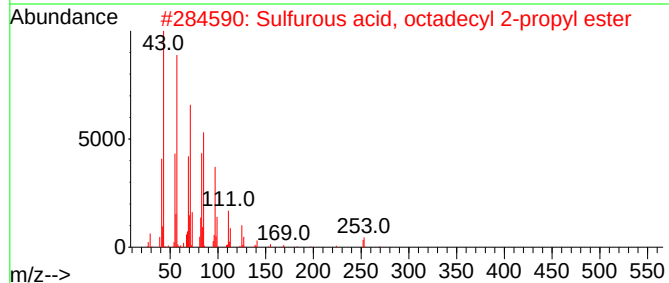
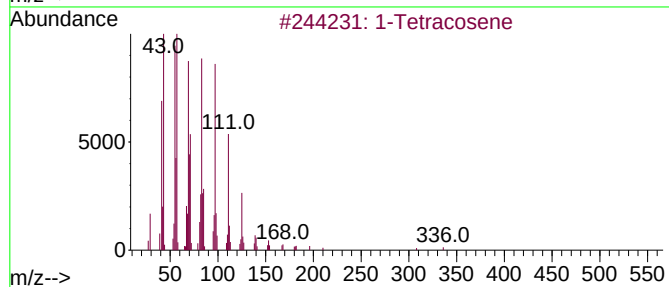
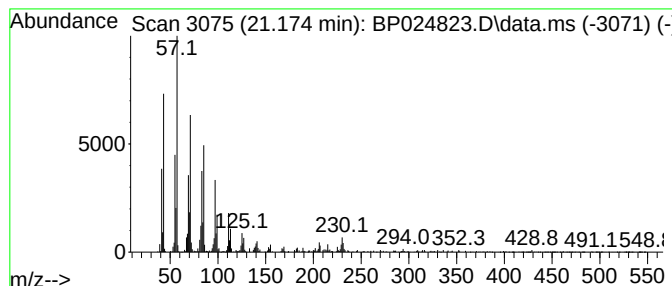
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 1-Tetracosene Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.174 | 4.61 ng | 467195 | Chrysene-d12     | 21.498 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 1-Tetracosene                       | 336 | C24H48    | 010192-32-2  | 95   |
| 2    |    |   | Sulfurous acid, octadecyl 2-prop... | 376 | C21H44O3S | 1000309-12-7 | 91   |
| 3    |    |   | Carbonic acid, octadecyl vinyl e... | 340 | C21H40O3  | 1000382-54-4 | 91   |
| 4    |    |   | Carbonic acid, eicosyl vinyl ester  | 368 | C23H44O3  | 1000382-54-3 | 91   |
| 5    |    |   | Isobutyl tetracosyl ether           | 410 | C28H58O   | 1000406-33-2 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP052825\  
Data File : BP024823.D  
Acq On : 28 May 2025 20:13  
Operator : RC/JU  
Sample : Q2130-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP051325.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-... | 4.817  | 3.9     | ng    | 116016   | 1                     | 7.646  | 596284  | 20.0 |
| Benzene, 1,3-di... | 5.693  | 2.0     | ng    | 60803    | 1                     | 7.646  | 596284  | 20.0 |
| Benzophenone       | 15.663 | 7.3     | ng    | 508168   | 3                     | 14.275 | 1388160 | 20.0 |
| n-Hexadecanoic ... | 18.016 | 4.5     | ng    | 388724   | 4                     | 17.075 | 1735120 | 20.0 |
| 1-Tetracosene      | 21.174 | 4.6     | ng    | 467195   | 5                     | 21.498 | 2028410 | 20.0 |