

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP050625\  
 Data File : BP024544.D  
 Acq On : 06 May 2025 13:03  
 Operator : RC/JU  
 Sample : Q1937-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LARGE-PILE-B

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-BP041425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024544.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         | 4.875       | 298           | 304         | 313          | rBV      | 135313         | 192998        | 3.28%           | 0.657%        |
| 2         | 5.334       | 375           | 382         | 400          | rBV      | 1440381        | 2160947       | 36.69%          | 7.359%        |
| 3         | 6.893       | 639           | 647         | 671          | rBV      | 1268350        | 2248877       | 38.19%          | 7.659%        |
| 4         | 7.705       | 779           | 785         | 795          | rBV      | 538229         | 843925        | 14.33%          | 2.874%        |
| 5         | 8.852       | 972           | 980         | 997          | rBV      | 785766         | 1439668       | 24.45%          | 4.903%        |
| 6         | 10.481      | 1248          | 1257        | 1273         | rBV      | 636656         | 1142150       | 19.39%          | 3.890%        |
| 7         | 12.946      | 1668          | 1676        | 1695         | rBV      | 2287642        | 3451720       | 58.61%          | 11.755%       |
| 8         | 14.340      | 1906          | 1913        | 1924         | rBV      | 903406         | 1482303       | 25.17%          | 5.048%        |
| 9         | 15.722      | 2140          | 2148        | 2159         | rBV      | 323840         | 500263        | 8.49%           | 1.704%        |
| 10        | 15.851      | 2164          | 2170        | 2193         | rVV      | 1742968        | 2961913       | 50.29%          | 10.087%       |
| 11        | 17.134      | 2381          | 2388        | 2403         | rBV2     | 1124359        | 1775769       | 30.15%          | 6.048%        |
| 12        | 18.075      | 2542          | 2548        | 2558         | rBV      | 285241         | 526863        | 8.95%           | 1.794%        |
| 13        | 19.398      | 2770          | 2773        | 2786         | rBV3     | 78451          | 162812        | 2.76%           | 0.554%        |
| 14        | 19.851      | 2845          | 2850        | 2860         | rBV      | 4498291        | 5889343       | 100.00%         | 20.057%       |
| 15        | 21.580      | 3138          | 3144        | 3154         | rBV      | 1378407        | 2169941       | 36.85%          | 7.390%        |
| 16        | 24.910      | 3701          | 3710        | 3724         | rVB      | 812118         | 2413419       | 40.98%          | 8.219%        |

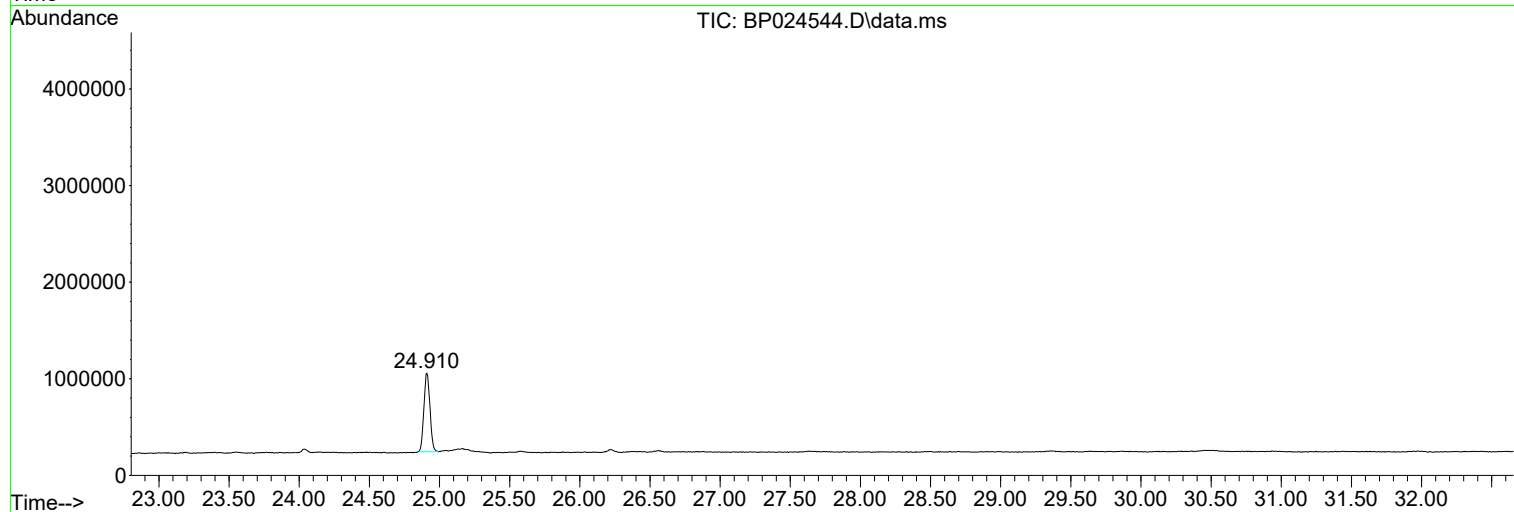
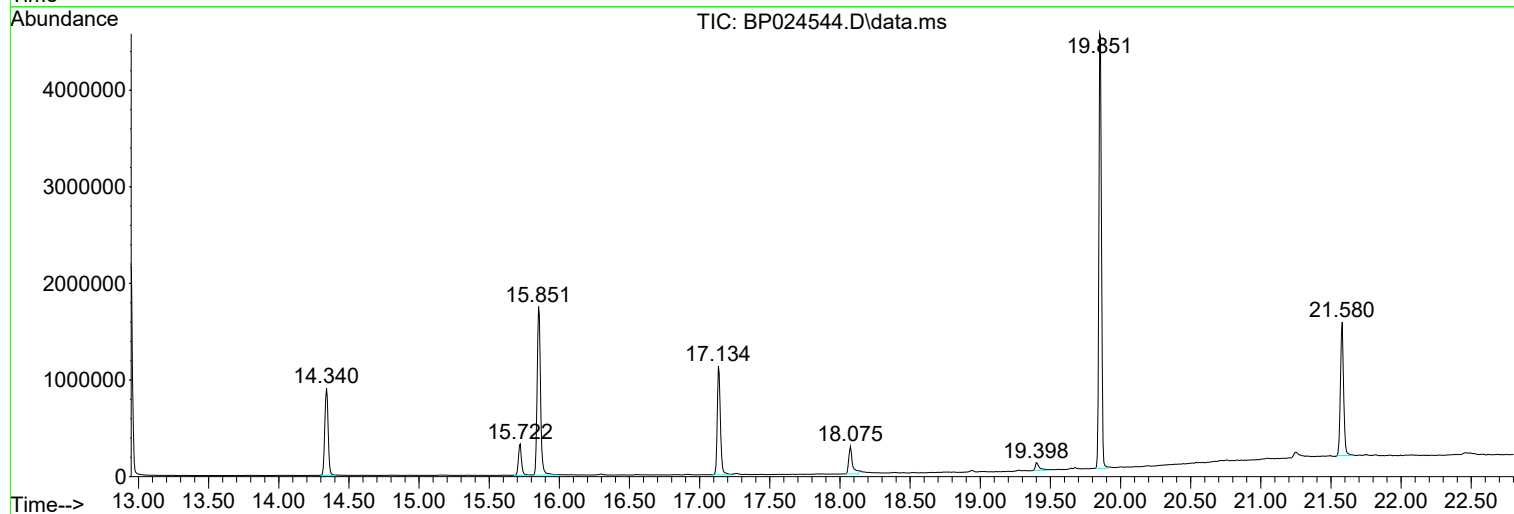
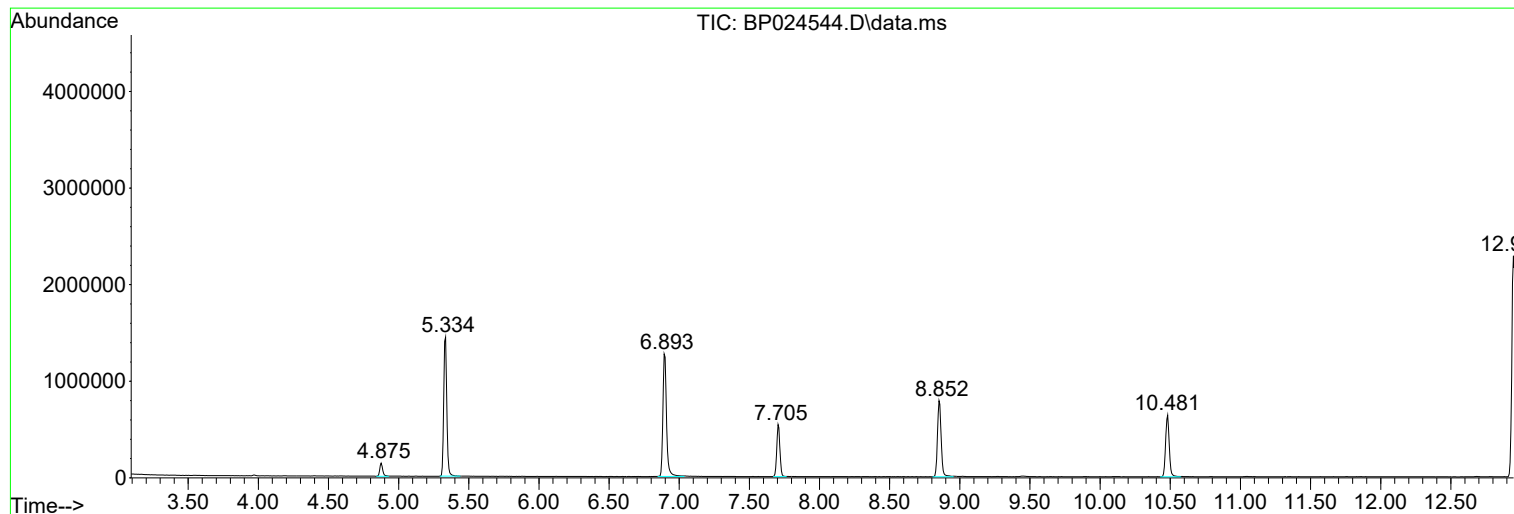
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Instrument :  
BNA\_P  
ClientSampleId :  
LARGE-PILE-B

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.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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Sample : Q1937-03  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
LARGE-PILE-B

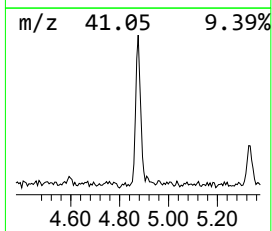
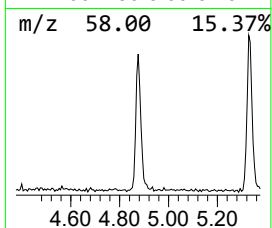
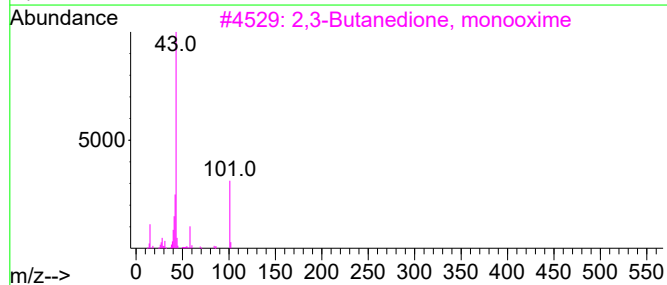
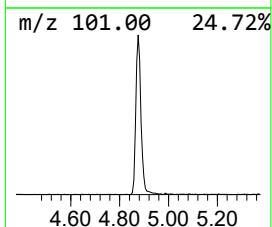
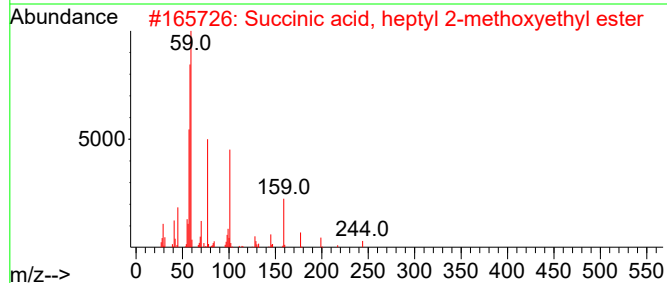
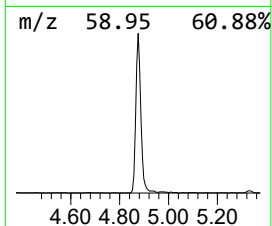
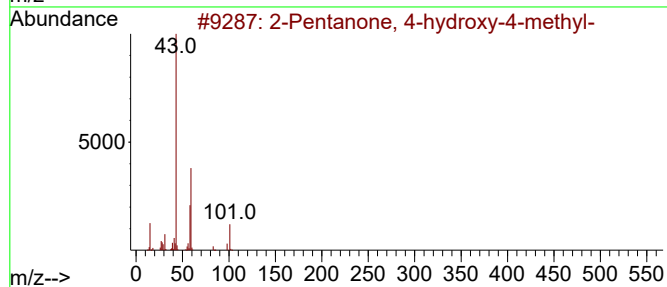
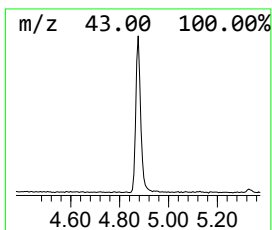
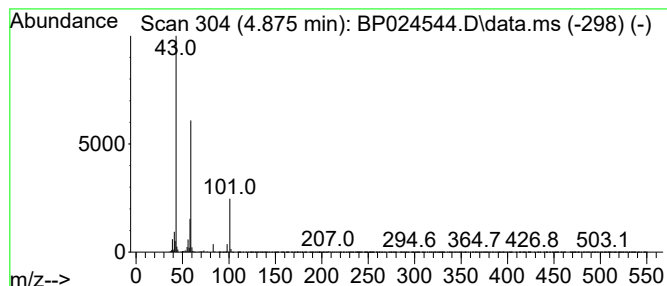
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.  |
|-------|---------|--------|------------------------|-------|
| 4.875 | 4.57 ng | 192998 | 1,4-Dichlorobenzene-d4 | 7.705 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2  | 56   |
| 2    |    |   | Succinic acid, heptyl 2-methoxye... | 274 | C14H26O5 | 1000325-80-7 | 28   |
| 3    |    |   | 2,3-Butanedione, monooxime          | 101 | C4H7NO2  | 000057-71-6  | 25   |
| 4    |    |   | Hydrazine, 1,1-bis(1-methylethyl)-  | 116 | C6H16N2  | 000921-14-2  | 25   |
| 5    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9  | 17   |



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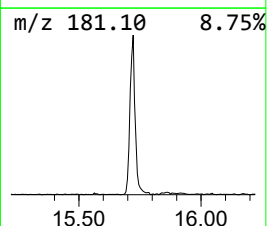
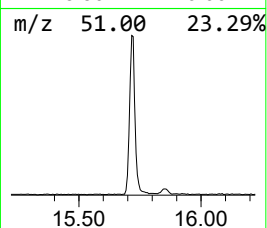
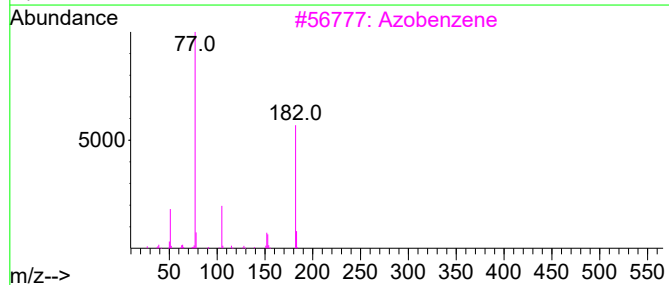
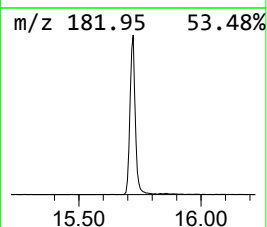
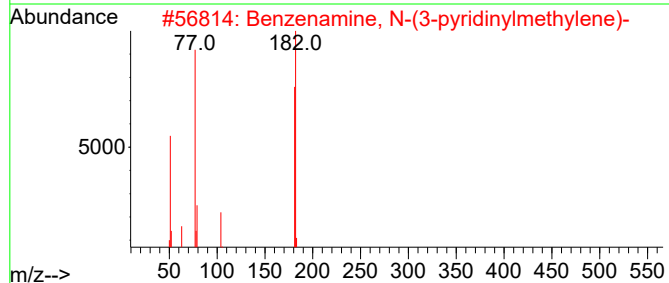
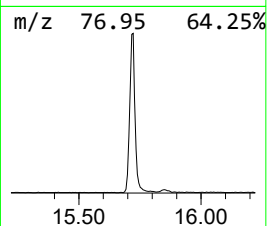
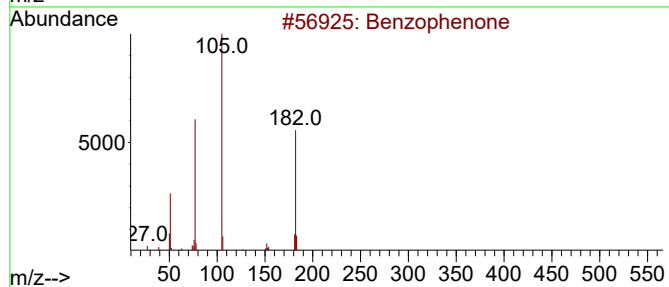
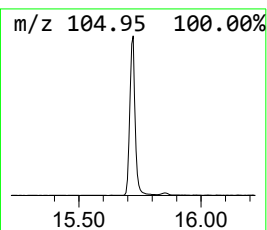
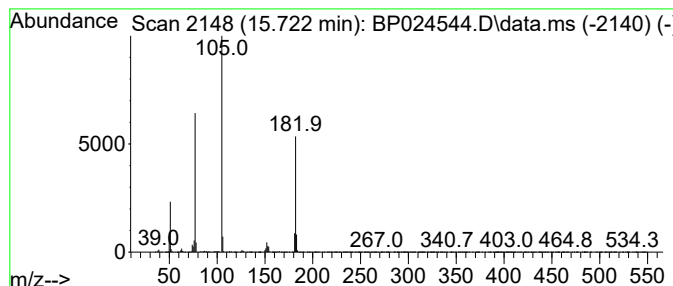
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Benzophenone Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.722 | 6.75 ng | 500263 | Acenaphthene-d10 | 14.340 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 96   |
| 2    |    |   | Benzenamine, N-(3-pyridinylmethy... | 182 | C12H10N2 | 029722-97-2 | 45   |
| 3    |    |   | Azobenzene                          | 182 | C12H10N2 | 000103-33-3 | 42   |
| 4    |    |   | Methanone, phenyl-2-pyridinyl-      | 183 | C12H9NO  | 000091-02-1 | 38   |
| 5    |    |   | 2,4,6-Trimethoxytoluene             | 182 | C10H14O3 | 014107-97-2 | 25   |



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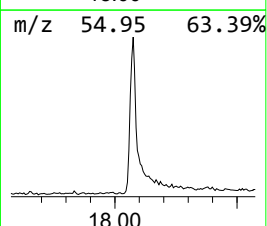
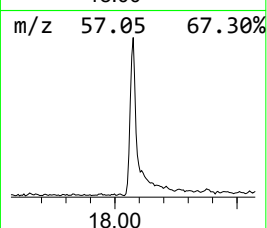
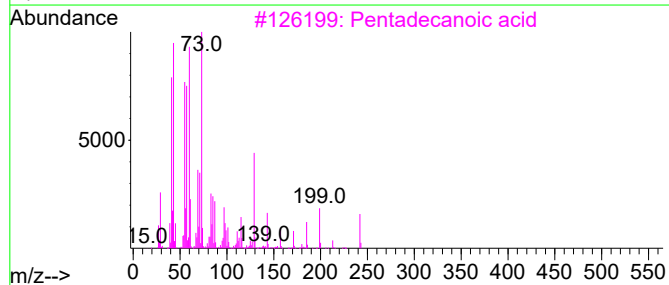
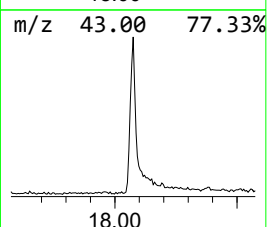
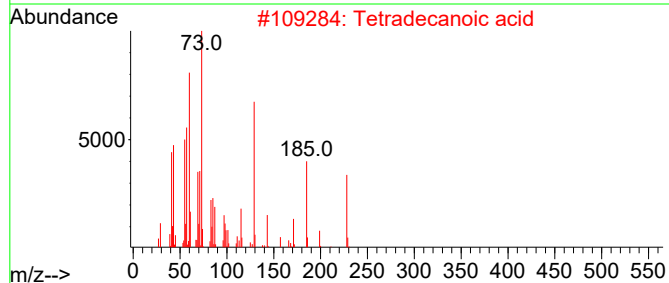
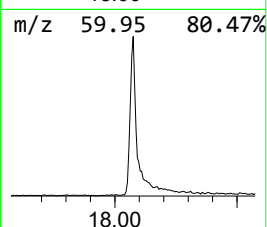
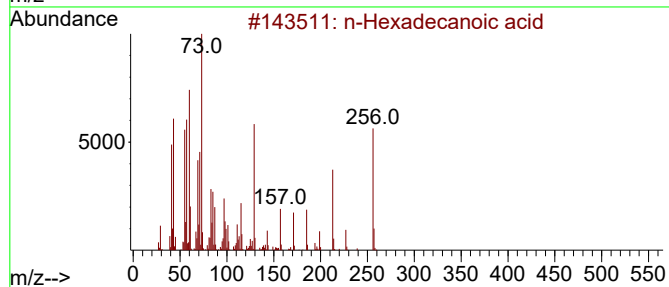
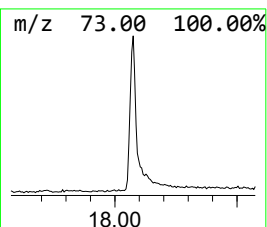
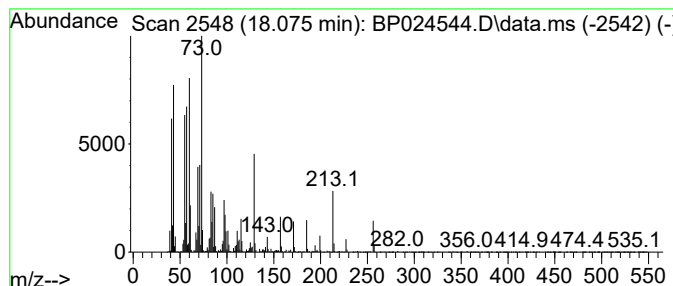
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.075 | 5.93 ng | 526863 | Phenanthrene-d10 | 17.134 |

| 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    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 90   |
| 4    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 76   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 76   |



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BNA\_P  
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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| 2-Pentanone, 4-... | 4.875  | 4.6     | ng    | 192998   | 1                     | 7.705  | 843925  | 20.0 |
| Benzophenone       | 15.722 | 6.8     | ng    | 500263   | 3                     | 14.340 | 1482300 | 20.0 |
| n-Hexadecanoic ... | 18.075 | 5.9     | ng    | 526863   | 4                     | 17.134 | 1775770 | 20.0 |