

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021624\  
 Data File : BP019744.D  
 Acq On : 16 Feb 2024 14:43  
 Operator : MA/JU  
 Sample : P1440-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TW-1

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-BP013124.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019744.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         | 5.022       | 323           | 329         | 337          | rBV      | 39460          | 59640         | 1.24%           | 0.330%        |
| 2         | 5.475       | 399           | 406         | 419          | rBV      | 660603         | 976992        | 20.31%          | 5.413%        |
| 3         | 7.069       | 671           | 677         | 687          | rBV      | 381781         | 648506        | 13.48%          | 3.593%        |
| 4         | 7.899       | 811           | 818         | 825          | rBV      | 233159         | 379511        | 7.89%           | 2.103%        |
| 5         | 9.069       | 1010          | 1017        | 1031         | rBV      | 706127         | 1230729       | 25.58%          | 6.819%        |
| 6         | 10.704      | 1286          | 1295        | 1306         | rBV      | 265269         | 481575        | 10.01%          | 2.668%        |
| 7         | 13.163      | 1705          | 1713        | 1734         | rBV      | 1829746        | 2894502       | 60.16%          | 16.036%       |
| 8         | 14.539      | 1939          | 1947        | 1954         | rBV      | 396939         | 639388        | 13.29%          | 3.542%        |
| 9         | 16.033      | 2193          | 2201        | 2222         | rBV      | 1497727        | 2457144       | 51.07%          | 13.613%       |
| 10        | 17.292      | 2409          | 2415        | 2427         | rBV      | 533875         | 848592        | 17.64%          | 4.701%        |
| 11        | 18.192      | 2562          | 2568        | 2578         | rBV      | 191974         | 321244        | 6.68%           | 1.780%        |
| 12        | 19.427      | 2774          | 2778        | 2787         | rBV2     | 110726         | 160027        | 3.33%           | 0.887%        |
| 13        | 19.863      | 2846          | 2852        | 2860         | rBV      | 3878450        | 4811173       | 100.00%         | 26.655%       |
| 14        | 21.386      | 3107          | 3111        | 3119         | rBV      | 765464         | 1043110       | 21.68%          | 5.779%        |
| 15        | 23.810      | 3517          | 3523        | 3535         | rVB      | 512627         | 1097617       | 22.81%          | 6.081%        |

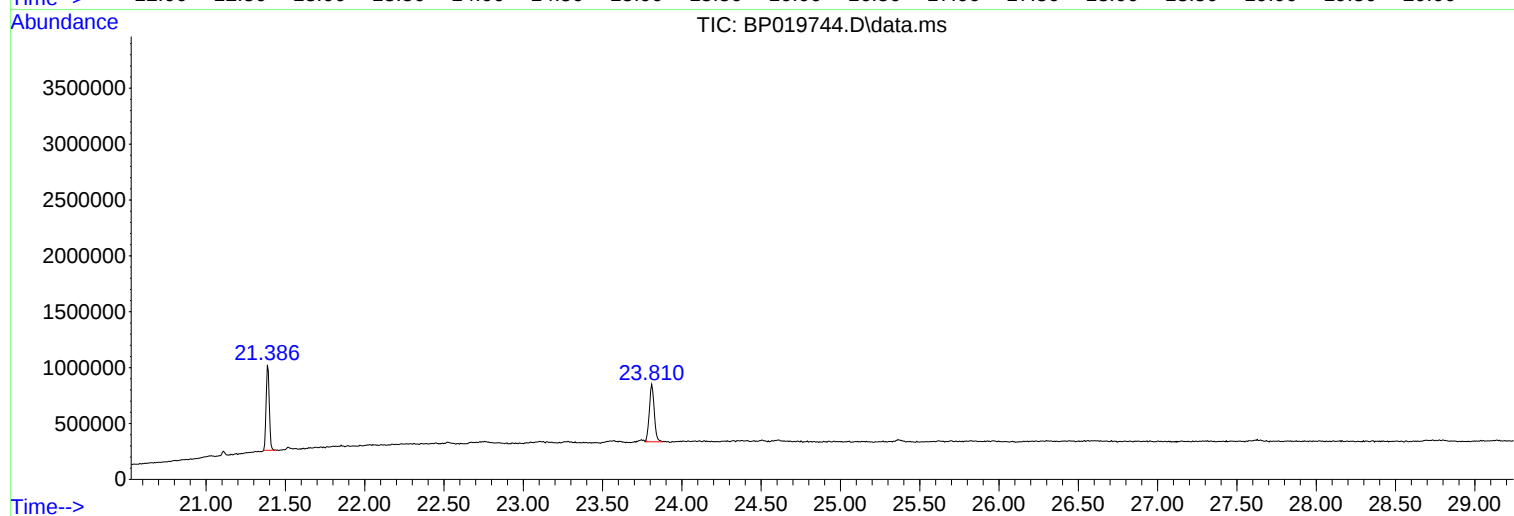
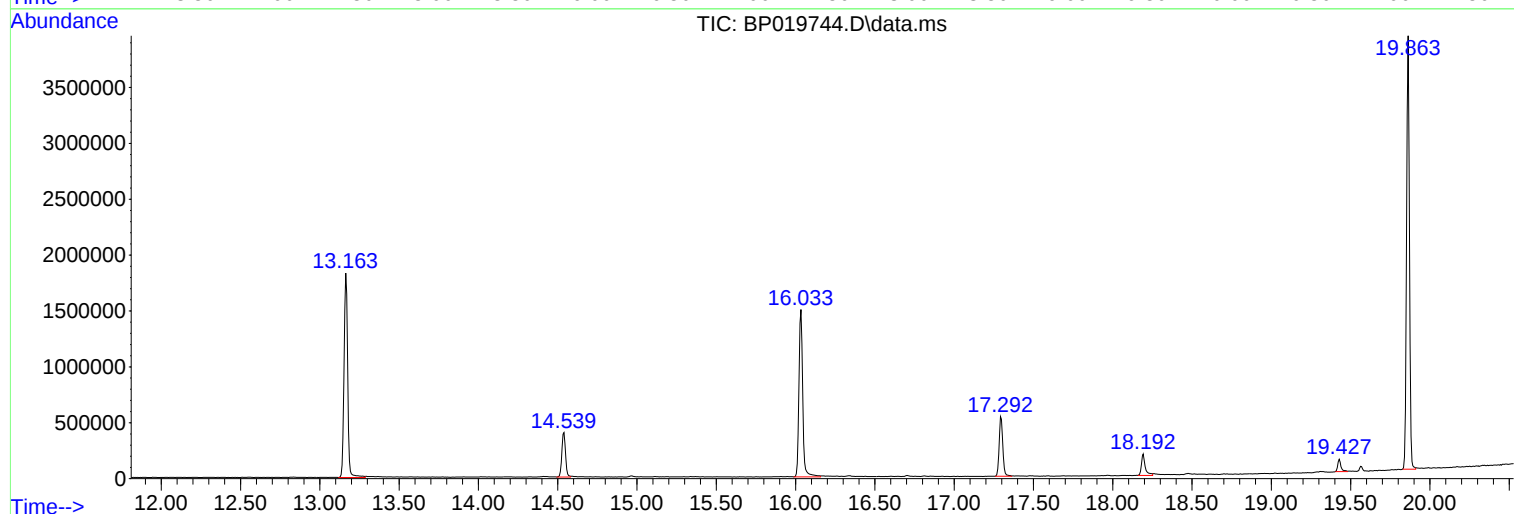
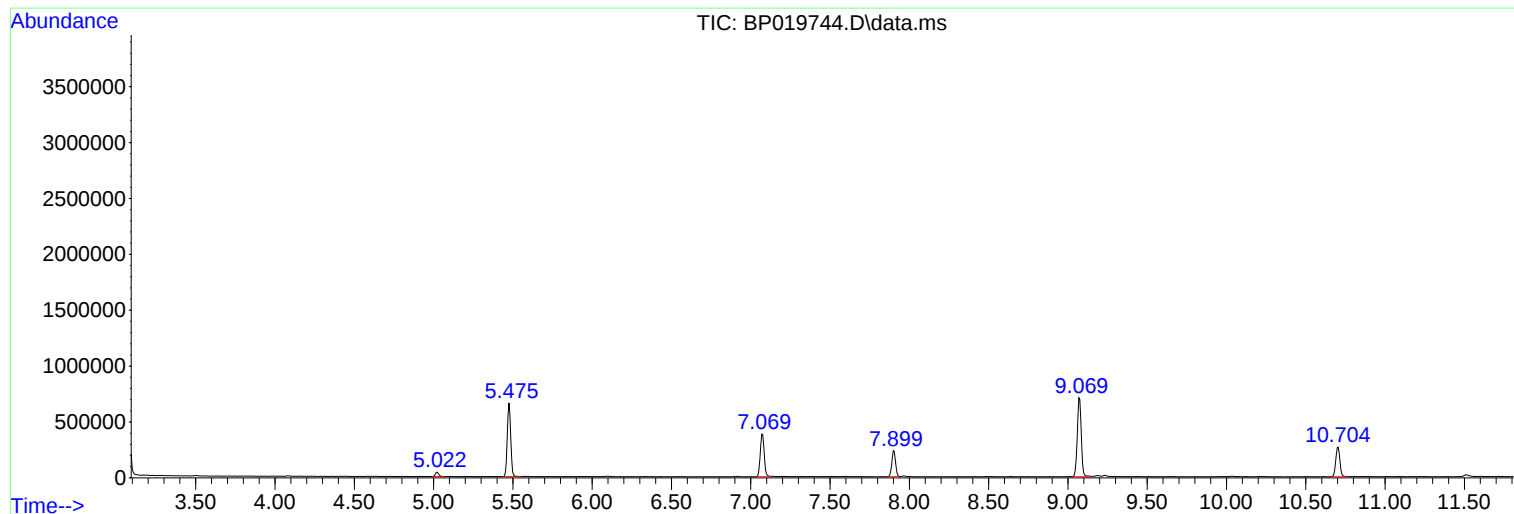
Sum of corrected areas: 18049750

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BNA\_P  
ClientSampleId :  
TW-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.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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Misc :  
ALS Vial : 9 Sample Multiplier: 1

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BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

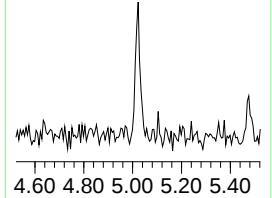
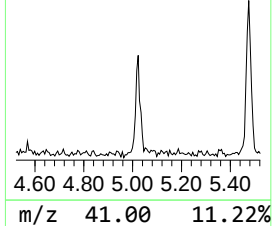
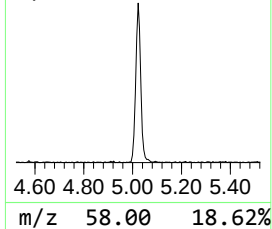
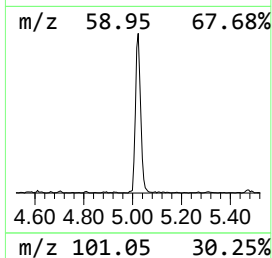
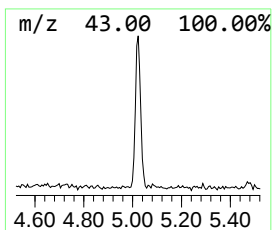
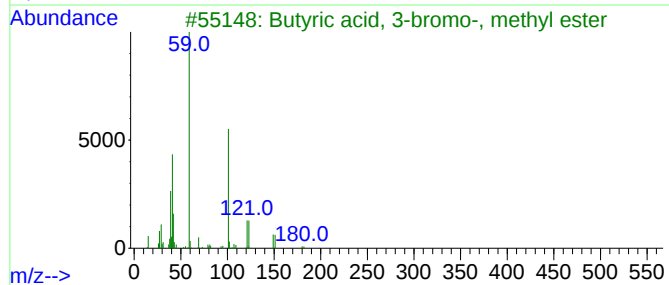
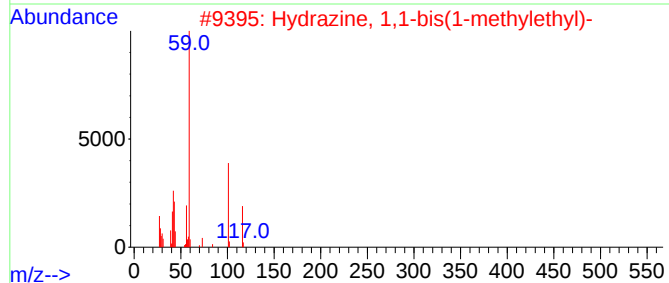
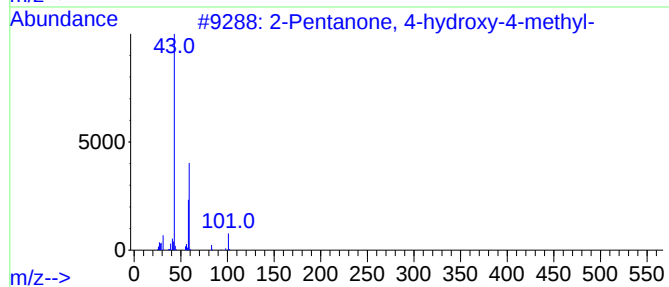
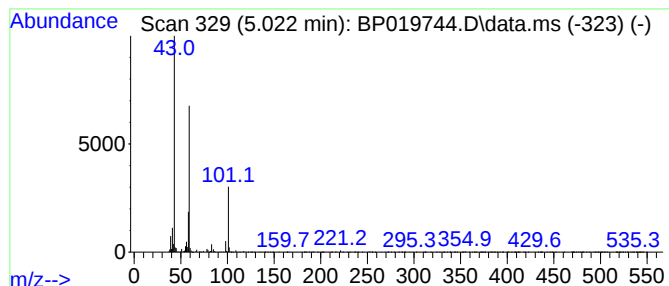
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 5.022 | 3.14 ng | 59640 | 1,4-Dichlorobenzene-d4 | 7.899 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 38      |      |      |
| 2    | Hydrazine, 1,1-bis(1-methylethyl)-  | 116 | C6H16N2      | 000921-14-2 | 38      |      |      |
| 3    | Butyric acid, 3-bromo-, methyl e... | 180 | C5H9BrO2     | 021249-59-2 | 25      |      |      |
| 4    | 2,5,8,11-Tetraoxadodecane           | 178 | C8H18O4      | 000112-49-2 | 17      |      |      |
| 5    | (+)-4-Amino-4,5-dihydro-2(3H)-f...  | 101 | C4H7NO2      | 016504-58-8 | 17      |      |      |



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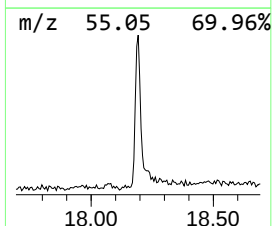
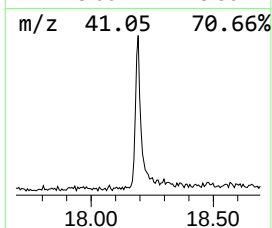
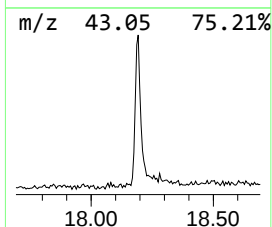
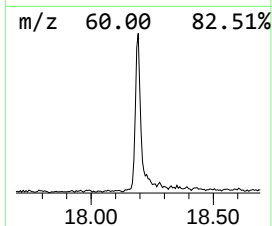
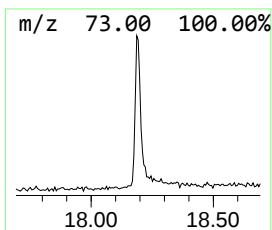
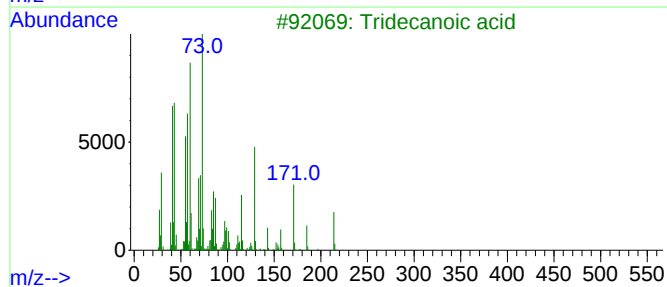
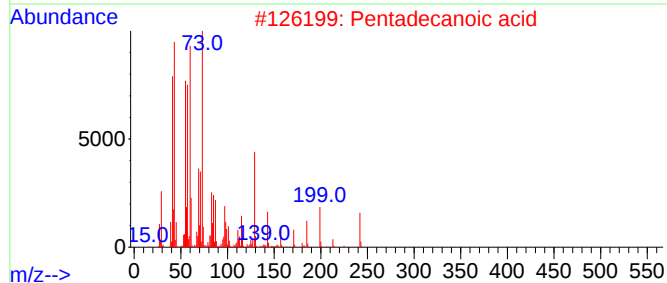
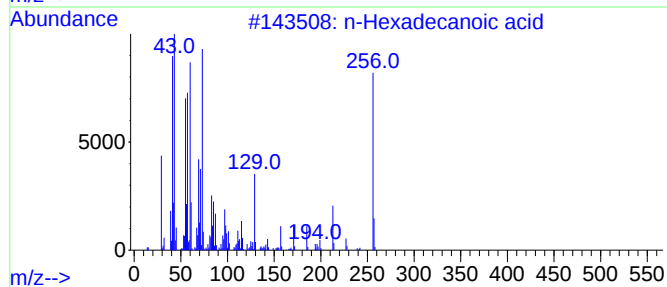
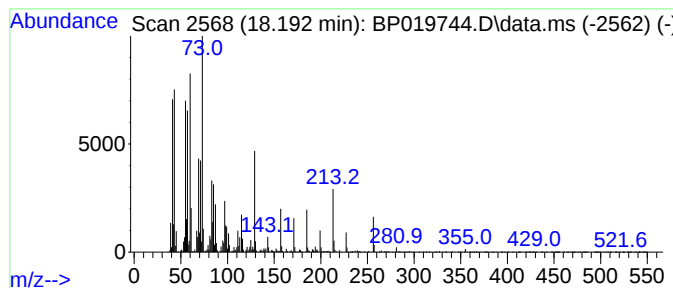
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.192 | 7.57 ng | 321244 | Phenanthrene-d10 | 17.292 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 97   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 87   |
| 3    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 86   |
| 4    |    |   | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 81   |
| 5    |    |   | Undecanoic acid     | 186 | C11H22O2 | 000112-37-8 | 76   |



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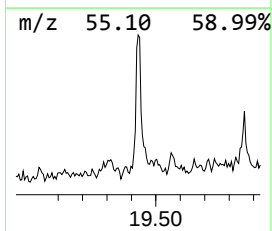
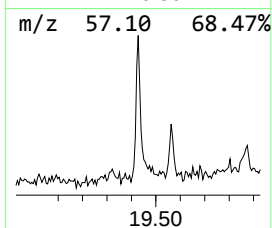
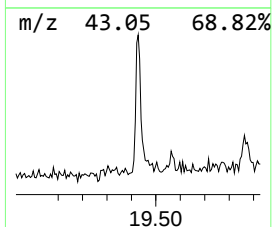
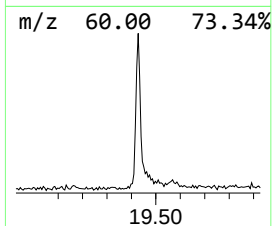
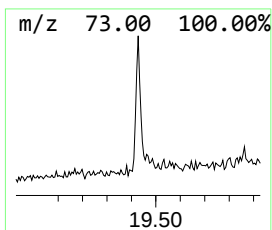
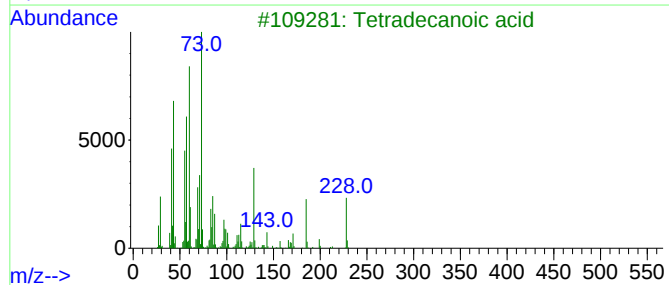
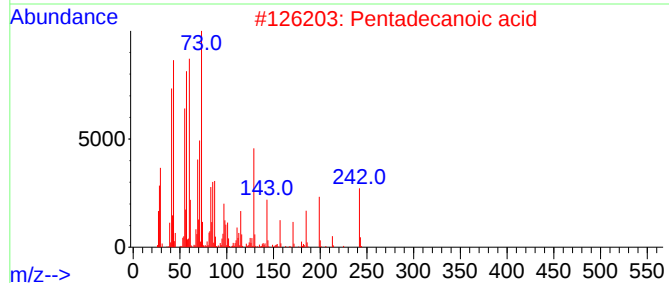
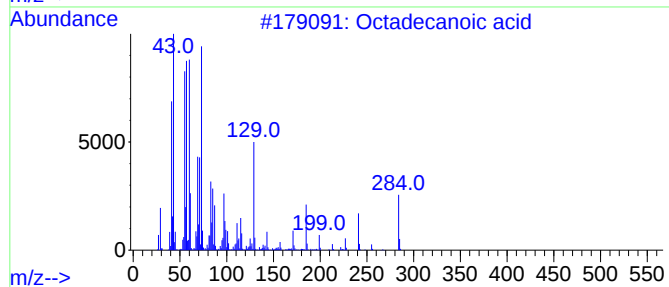
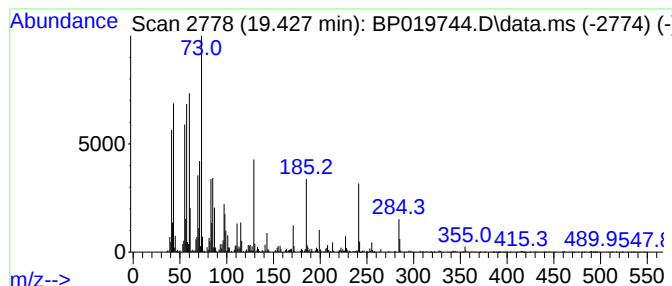
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Octadecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.427 | 3.07 ng | 160027 | Chrysene-d12     | 21.386 |

| Hit# | of | 5 | Tentative ID       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------|-----|----------|-------------|------|
| 1    |    |   | Octadecanoic acid  | 284 | C18H36O2 | 000057-11-4 | 97   |
| 2    |    |   | Pentadecanoic acid | 242 | C15H30O2 | 001002-84-2 | 89   |
| 3    |    |   | Tetradecanoic acid | 228 | C14H28O2 | 000544-63-8 | 80   |
| 4    |    |   | Tridecanoic acid   | 214 | C13H26O2 | 000638-53-9 | 72   |
| 5    |    |   | n-Decanoic acid    | 172 | C10H20O2 | 000334-48-5 | 62   |



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Sample : P1440-01  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP013124.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-... | 5.022  | 3.1     | ng    | 59640    | 1                     | 7.899  | 379511  | 20.0 |
| n-Hexadecanoic ... | 18.192 | 7.6     | ng    | 321244   | 4                     | 17.292 | 848592  | 20.0 |
| Octadecanoic acid  | 19.427 | 3.1     | ng    | 160027   | 5                     | 21.386 | 1043110 | 20.0 |