

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP041725\  
 Data File : BP024329.D  
 Acq On : 17 Apr 2025 16:42  
 Operator : RC/JU  
 Sample : Q1825-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 TP-9

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: BP024329.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         | 4.887       | 302           | 306         | 316          | rVB      | 91216          | 137010        | 5.60%           | 0.925%        |
| 2         | 5.346       | 377           | 384         | 400          | rBV      | 542983         | 829107        | 33.89%          | 5.595%        |
| 3         | 6.910       | 643           | 650         | 669          | rBV      | 498875         | 909618        | 37.18%          | 6.139%        |
| 4         | 7.728       | 782           | 789         | 796          | rBV      | 211873         | 343807        | 14.05%          | 2.320%        |
| 5         | 8.869       | 976           | 983         | 997          | rBV      | 307546         | 568983        | 23.26%          | 3.840%        |
| 6         | 10.499      | 1252          | 1260        | 1273         | rBV      | 284881         | 494563        | 20.21%          | 3.338%        |
| 7         | 12.963      | 1672          | 1679        | 1691         | rBV      | 859996         | 1387011       | 56.69%          | 9.360%        |
| 8         | 14.357      | 1908          | 1916        | 1923         | rBV      | 444649         | 664367        | 27.15%          | 4.483%        |
| 9         | 15.739      | 2144          | 2151        | 2163         | rBV      | 84660          | 143781        | 5.88%           | 0.970%        |
| 10        | 15.869      | 2167          | 2173        | 2184         | rBV      | 594270         | 895272        | 36.59%          | 6.042%        |
| 11        | 17.151      | 2384          | 2391        | 2395         | rBV      | 566439         | 832248        | 34.02%          | 5.616%        |
| 12        | 17.192      | 2395          | 2398        | 2405         | rVB      | 103197         | 160605        | 6.56%           | 1.084%        |
| 13        | 17.286      | 2410          | 2414        | 2420         | rVB      | 26291          | 45751         | 1.87%           | 0.309%        |
| 14        | 18.098      | 2547          | 2552        | 2558         | rVV3     | 68878          | 146699        | 6.00%           | 0.990%        |
| 15        | 18.257      | 2574          | 2579        | 2583         | rBV2     | 29066          | 54496         | 2.23%           | 0.368%        |
| 16        | 19.275      | 2748          | 2752        | 2758         | rBV      | 352902         | 470489        | 19.23%          | 3.175%        |
| 17        | 19.427      | 2775          | 2778        | 2782         | rBV5     | 19854          | 29551         | 1.21%           | 0.199%        |
| 18        | 19.657      | 2807          | 2817        | 2822         | rBV      | 319731         | 595857        | 24.35%          | 4.021%        |
| 19        | 19.869      | 2848          | 2853        | 2860         | rVB      | 2079695        | 2446653       | 100.00%         | 16.511%       |
| 20        | 21.592      | 3139          | 3146        | 3151         | rBV2     | 1057222        | 1819879       | 74.38%          | 12.281%       |
| 21        | 21.639      | 3152          | 3154        | 3165         | rVB      | 206419         | 289754        | 11.84%          | 1.955%        |
| 22        | 24.939      | 3708          | 3715        | 3724         | rBV      | 609251         | 1552715       | 63.46%          | 10.478%       |

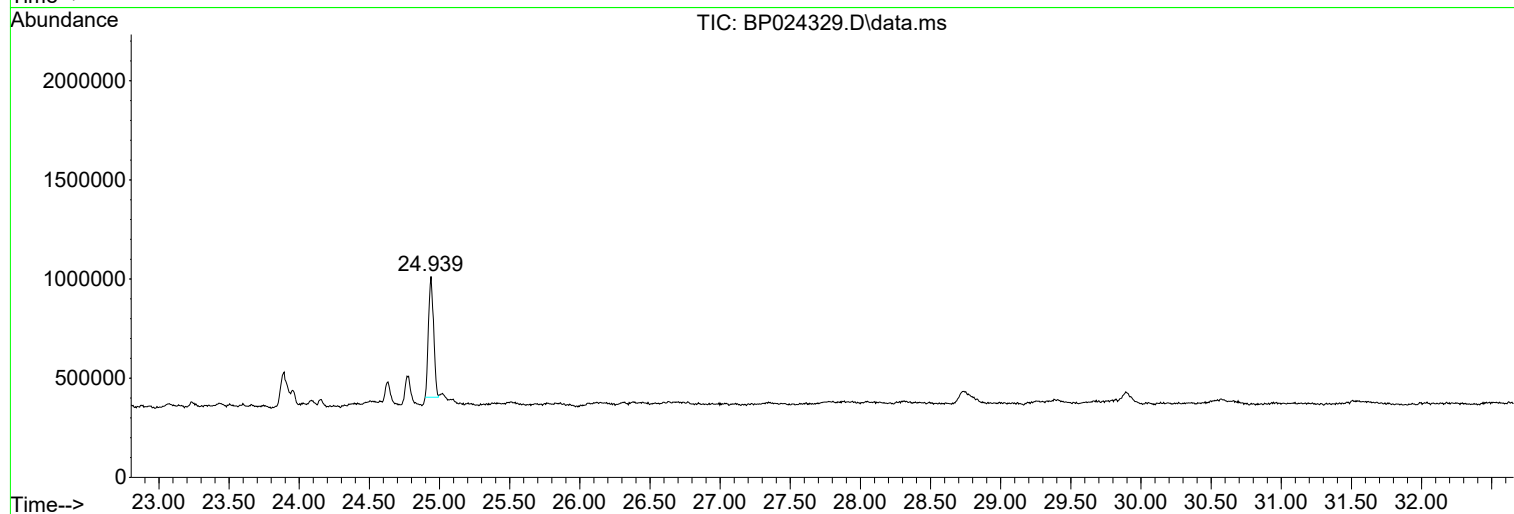
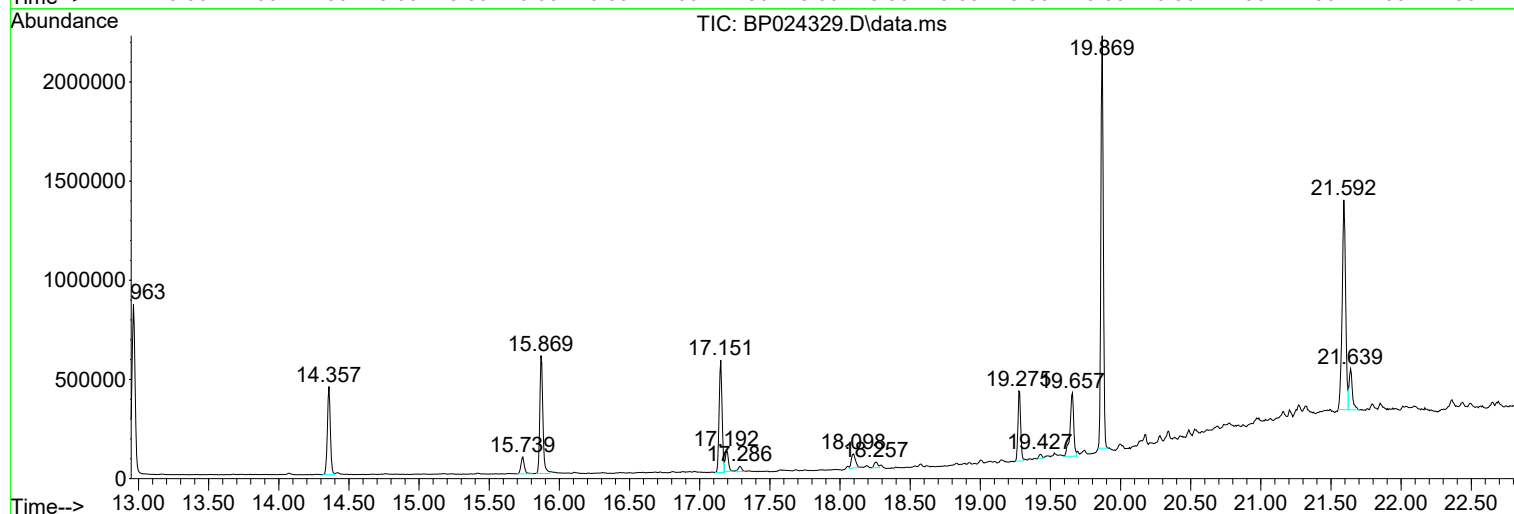
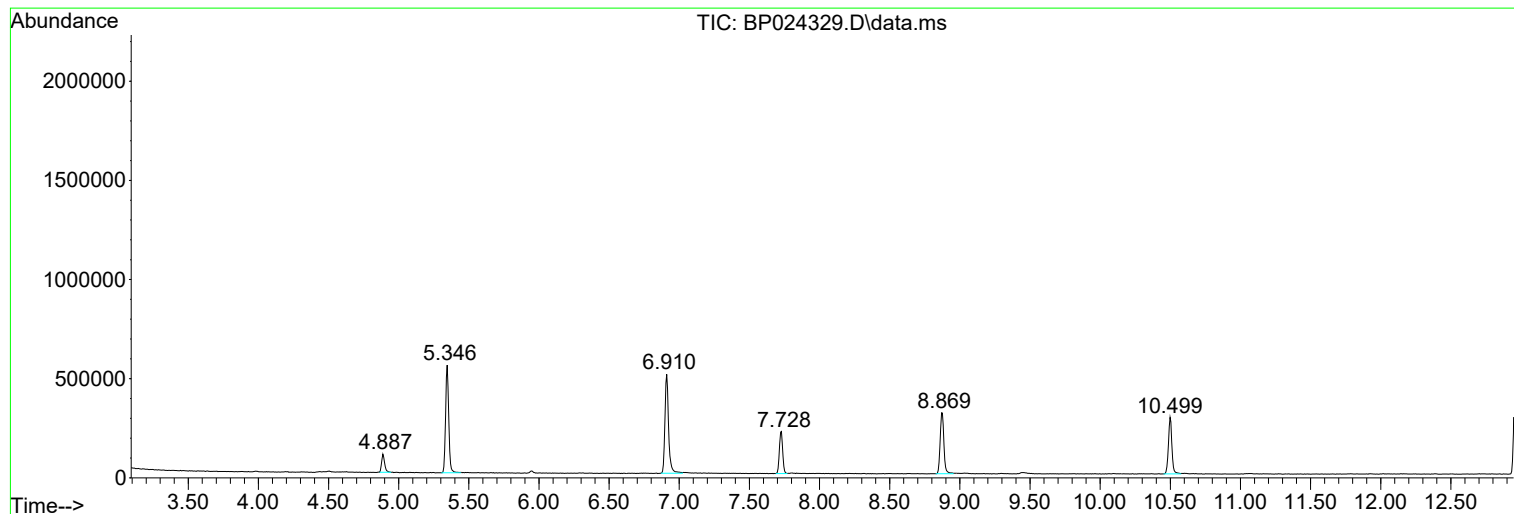
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BNA\_P  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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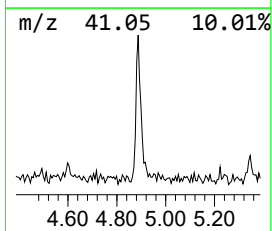
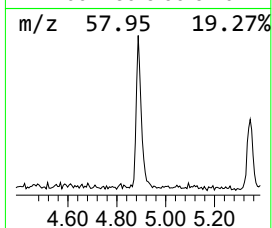
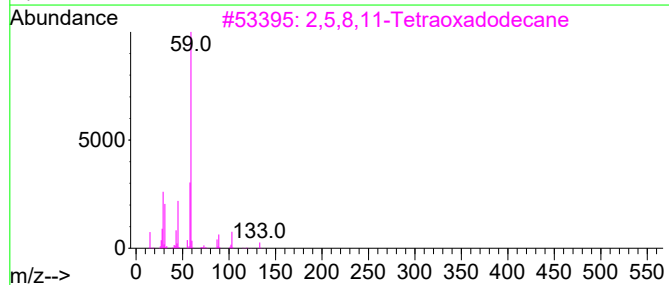
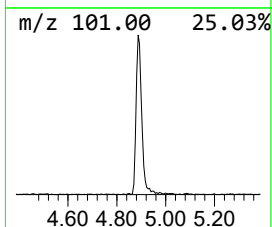
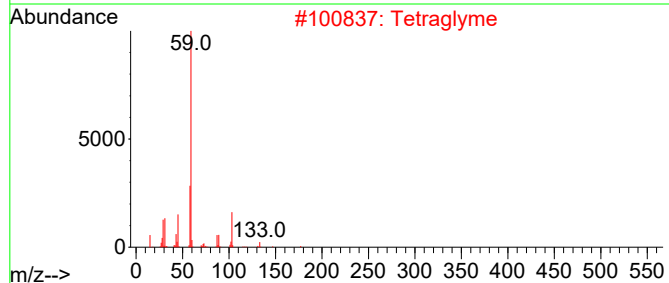
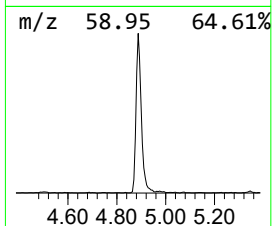
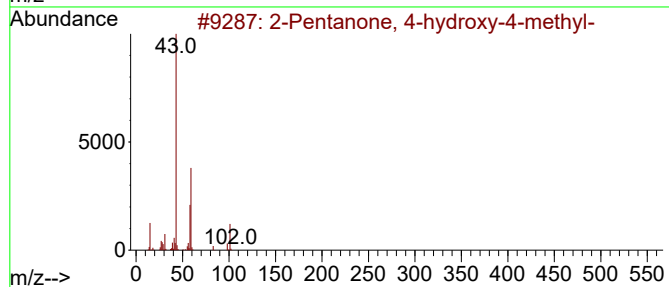
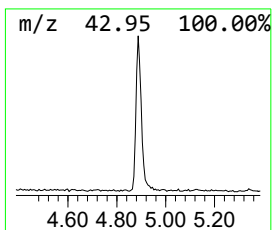
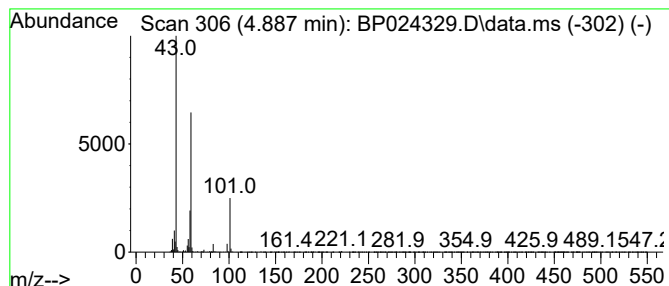
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.887 | 7.97 ng | 137010 | 1,4-Dichlorobenzene-d4 | 7.728 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2  | 53      |      |      |
| 2    | Tetraglyme                          | 222 | C10H22O5     | 000143-24-8  | 37      |      |      |
| 3    | 2,5,8,11-Tetraoxadodecane           | 178 | C8H18O4      | 000112-49-2  | 37      |      |      |
| 4    | n-Propyl t-butyl ether              | 116 | C7H16O       | 1000334-81-9 | 28      |      |      |
| 5    | Succinic acid, heptyl 2-methoxye... | 274 | C14H26O5     | 1000325-80-7 | 28      |      |      |



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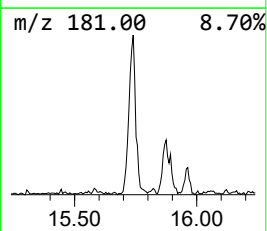
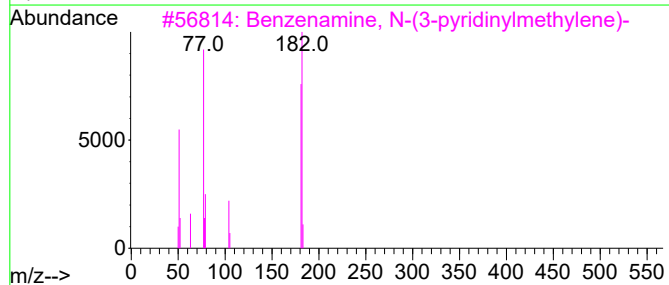
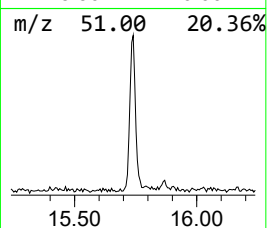
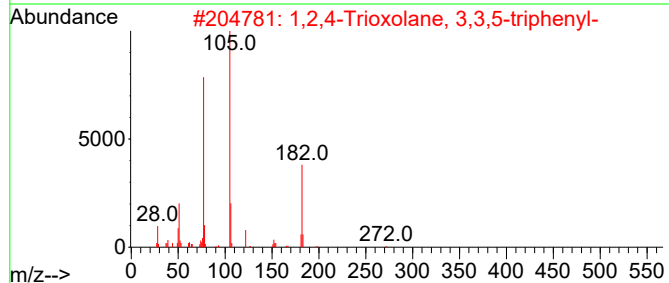
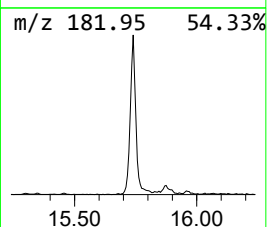
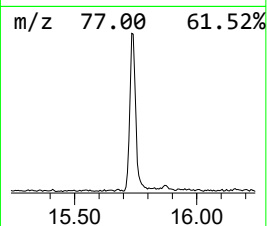
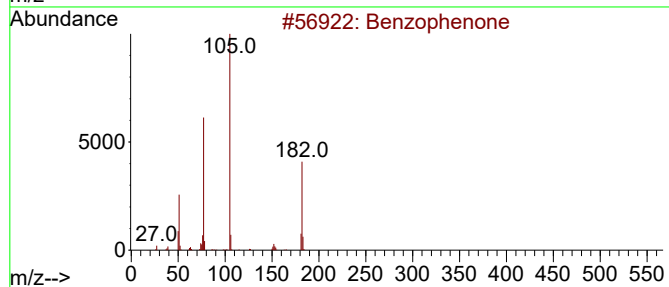
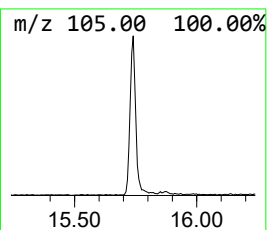
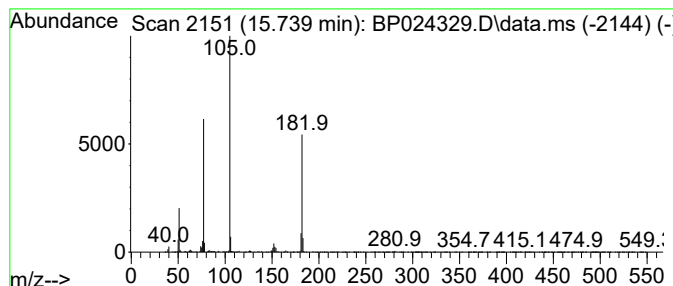
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Benzophenone Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.739 | 4.33 ng | 143781 | Acenaphthene-d10 | 14.357 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 97   |
| 2    |    |   | 1,2,4-Trioxolane, 3,3,5-triphenyl-  | 304 | C20H16O3 | 023246-12-0 | 50   |
| 3    |    |   | Benzenamine, N-(3-pyridinylmethy... | 182 | C12H10N2 | 029722-97-2 | 45   |
| 4    |    |   | Azobenzene                          | 182 | C12H10N2 | 000103-33-3 | 42   |
| 5    |    |   | 1,1-Diphenyl-2-phenylthiobut-3-e... | 332 | C22H20OS | 097370-20-2 | 38   |



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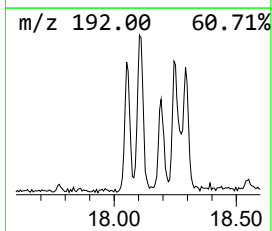
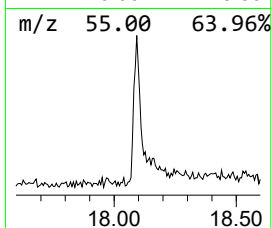
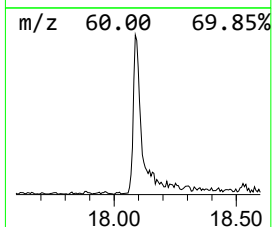
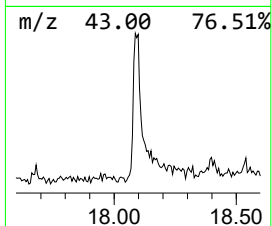
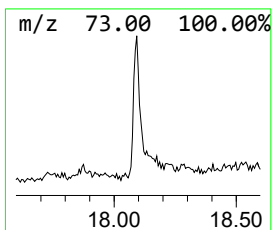
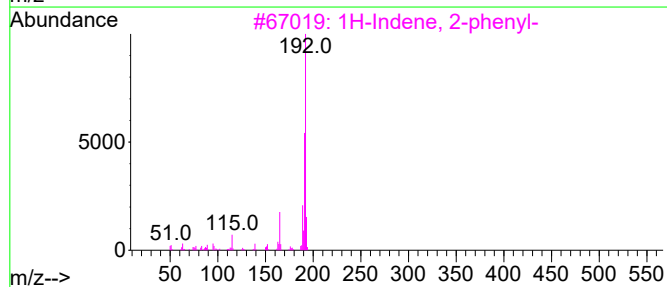
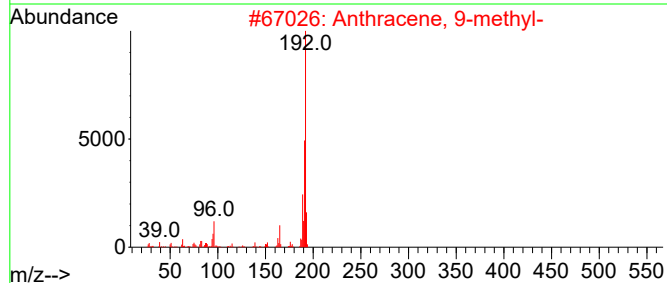
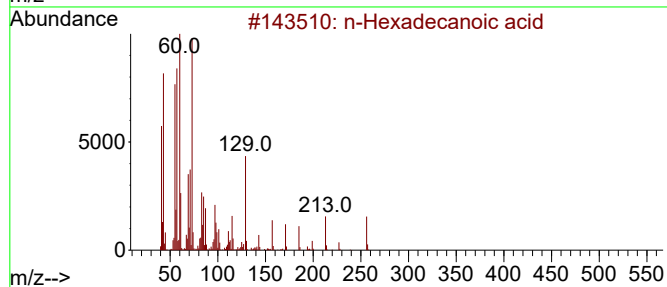
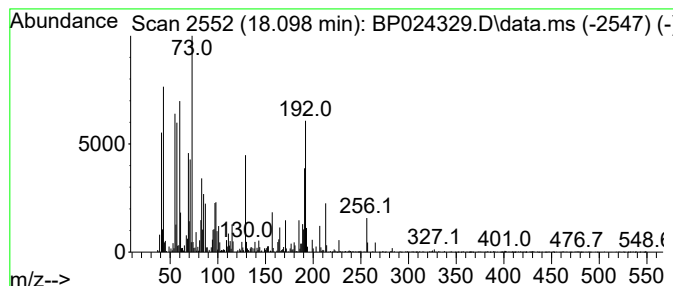
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.098 | 3.53 ng | 146699 | Phenanthrene-d10 | 17.151 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------------------|-----|----------|-------------|------|
| 1    |      | n-Hexadecanoic acid                 | 256 | C16H32O2 | 000057-10-3 | 98   |
| 2    |      | Anthracene, 9-methyl-               | 192 | C15H12   | 000779-02-2 | 53   |
| 3    |      | 1H-Indene, 2-phenyl-                | 192 | C15H12   | 004505-48-0 | 53   |
| 4    |      | n-Decanoic acid                     | 172 | C10H20O2 | 000334-48-5 | 46   |
| 5    |      | l-(+)-Ascorbic acid 2,6-dihexade... | 652 | C38H68O8 | 028474-90-0 | 42   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP041425.M  
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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| 2-Pentanone, 4-... | 4.887  | 8.0     | ng    | 137010   | 1                     | 7.728  | 343807 | 20.0 |
| Benzophenone       | 15.739 | 4.3     | ng    | 143781   | 3                     | 14.357 | 664367 | 20.0 |
| n-Hexadecanoic ... | 18.098 | 3.5     | ng    | 146699   | 4                     | 17.151 | 832248 | 20.0 |