

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082522\  
 Data File : BF130004.D  
 Acq On : 25 Aug 2022 17:44  
 Operator : CG\JU  
 Sample : N4283-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 337

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\_F\Methods\8270-BF081422.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130004.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         | 4.357       | 349           | 352         | 362          | rBV      | 27638          | 46125         | 1.22%           | 0.211%        |
| 2         | 4.975       | 453           | 457         | 474          | rBV      | 747453         | 943815        | 25.06%          | 4.324%        |
| 3         | 5.398       | 526           | 529         | 548          | rBV      | 2786945        | 2794641       | 74.22%          | 12.802%       |
| 4         | 6.416       | 698           | 702         | 718          | rBV      | 3278691        | 3160418       | 83.93%          | 14.478%       |
| 5         | 6.751       | 756           | 759         | 769          | rBV      | 770888         | 720551        | 19.14%          | 3.301%        |
| 6         | 7.328       | 852           | 857         | 867          | rBV      | 2228489        | 2103314       | 55.86%          | 9.635%        |
| 7         | 8.033       | 974           | 977         | 986          | rBV      | 1113277        | 941690        | 25.01%          | 4.314%        |
| 8         | 9.110       | 1155          | 1160        | 1163         | rBV      | 4628003        | 3765571       | 100.00%         | 17.250%       |
| 9         | 9.786       | 1272          | 1275        | 1279         | rBV      | 1190117        | 965021        | 25.63%          | 4.421%        |
| 10        | 10.580      | 1407          | 1410        | 1418         | rBV      | 906137         | 796175        | 21.14%          | 3.647%        |
| 11        | 11.274      | 1525          | 1528        | 1532         | rBV      | 852796         | 791073        | 21.01%          | 3.624%        |
| 12        | 12.498      | 1732          | 1736        | 1740         | rBV      | 1111190        | 107048        | 2.84%           | 0.490%        |
| 13        | 12.727      | 1769          | 1775        | 1780         | rVB      | 98686          | 116010        | 3.08%           | 0.531%        |
| 14        | 12.862      | 1793          | 1798        | 1801         | rBV      | 2991802        | 2634260       | 69.96%          | 12.067%       |
| 15        | 13.921      | 1974          | 1978        | 1982         | rBV      | 692243         | 709754        | 18.85%          | 3.251%        |
| 16        | 14.009      | 1988          | 1993        | 2000         | rBV      | 233584         | 241279        | 6.41%           | 1.105%        |
| 17        | 14.527      | 2078          | 2081        | 2086         | rVB      | 53505          | 45864         | 1.22%           | 0.210%        |
| 18        | 14.656      | 2100          | 2103        | 2107         | rVB4     | 42132          | 54598         | 1.45%           | 0.250%        |
| 19        | 14.956      | 2151          | 2154        | 2156         | rBV      | 44392          | 55077         | 1.46%           | 0.252%        |
| 20        | 14.980      | 2156          | 2158        | 2165         | rVB2     | 81577          | 91265         | 2.42%           | 0.418%        |
| 21        | 15.368      | 2221          | 2224        | 2235         | rVB      | 572169         | 689907        | 18.32%          | 3.160%        |
| 22        | 15.751      | 2285          | 2289        | 2293         | rVB2     | 41123          | 56297         | 1.50%           | 0.258%        |

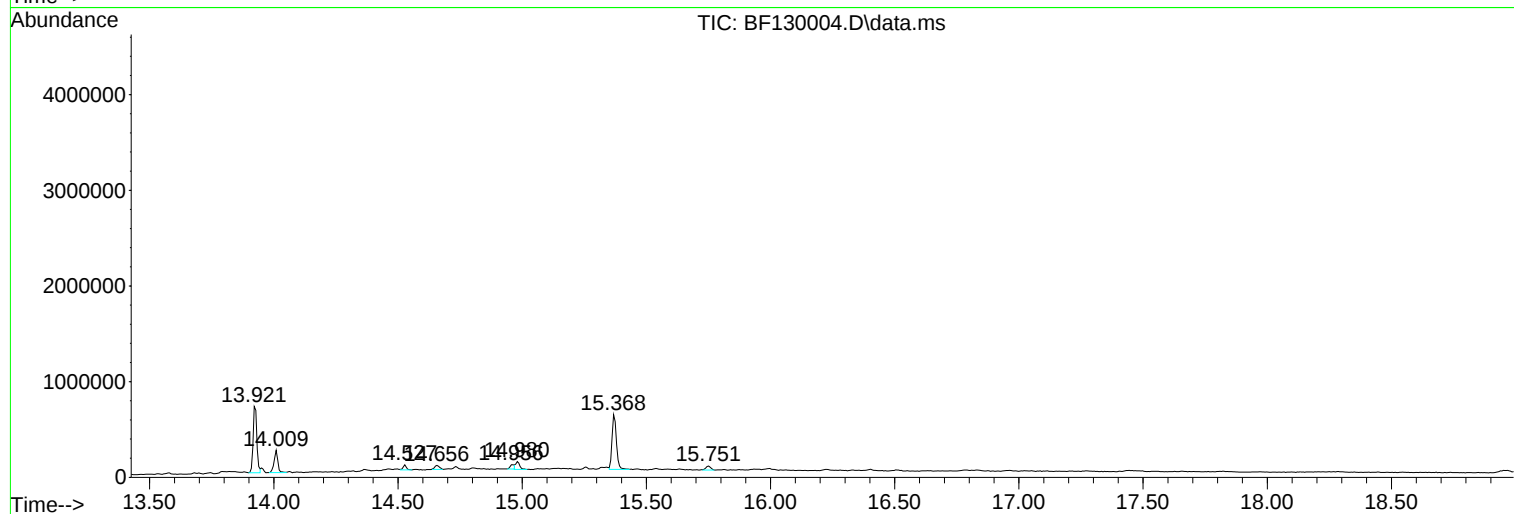
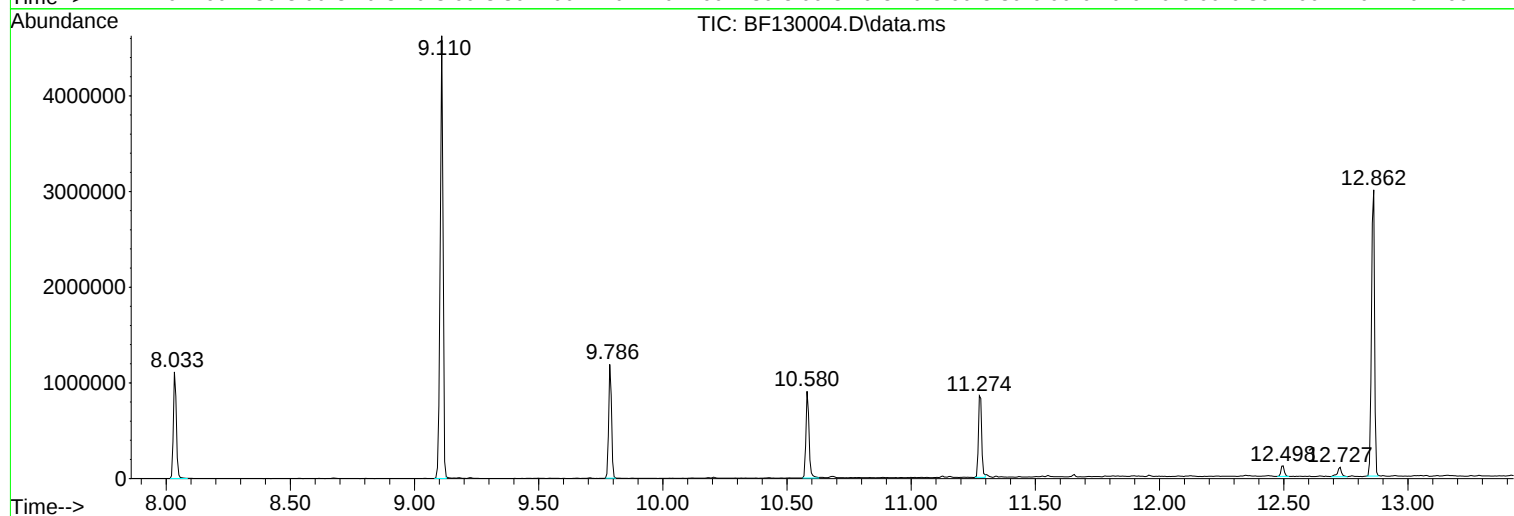
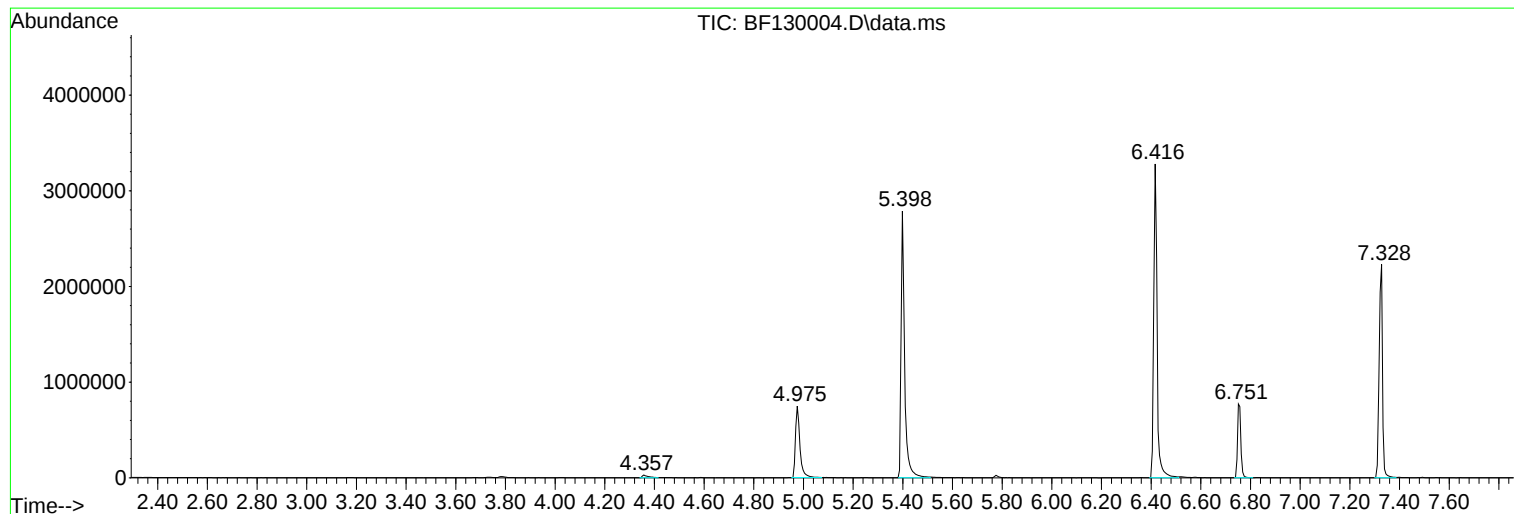
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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
337

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF081422.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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

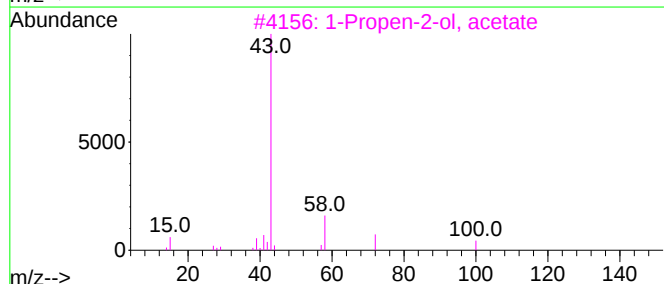
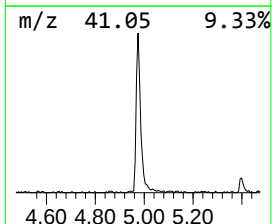
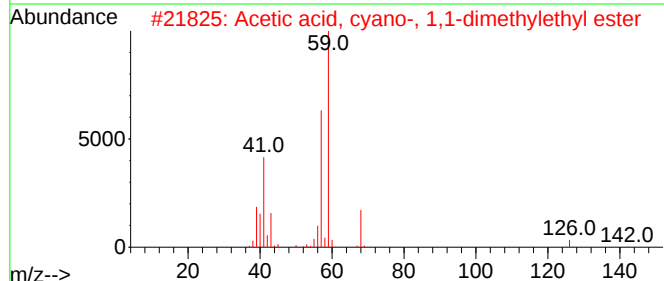
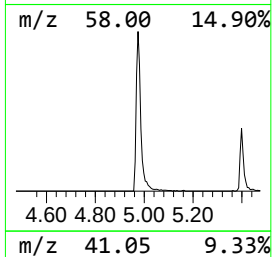
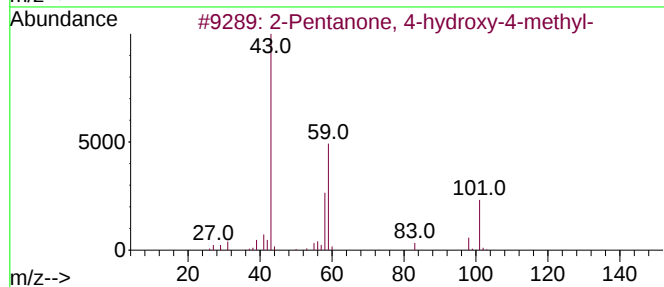
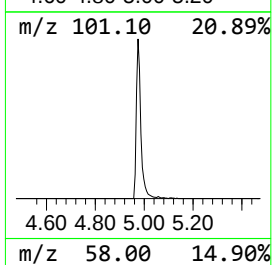
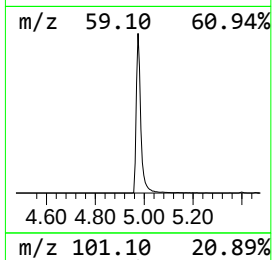
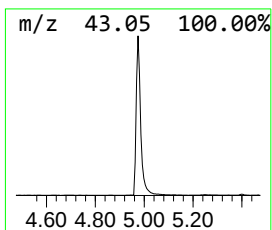
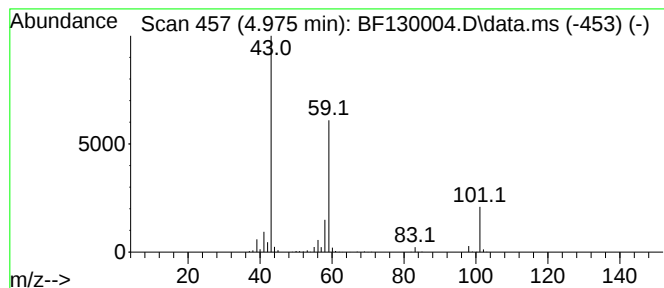
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 4.975 | 26.20 ng | 943815 | 1,4-Dichlorobenzene-d4 | 6.757 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 72   |
| 2    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25   |
| 3    |    |   | 1-Propen-2-ol, acetate              | 100 | C5H8O2   | 000108-22-5 | 10   |
| 4    |    |   | 2,3-Butanedione, monooxime          | 101 | C4H7NO2  | 000057-71-6 | 9    |
| 5    |    |   | Butane, 1-ethoxy-                   | 102 | C6H14O   | 000628-81-9 | 9    |



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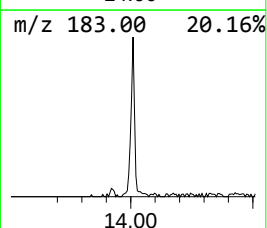
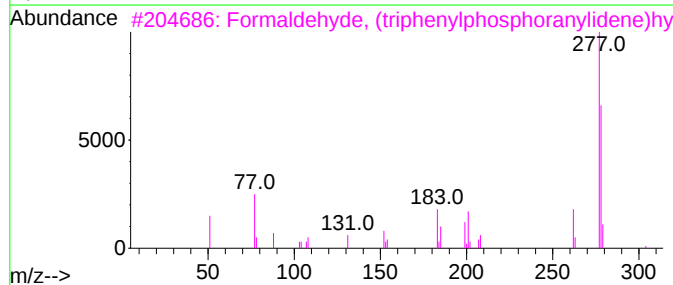
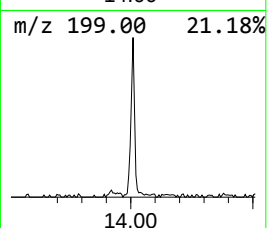
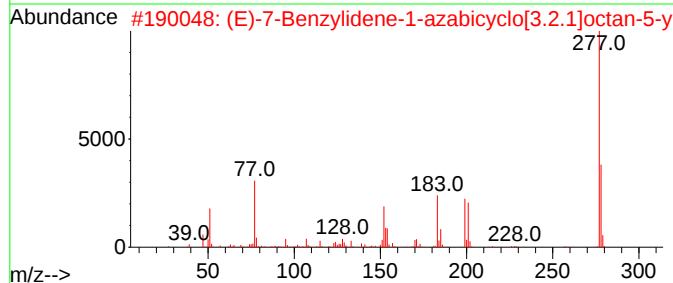
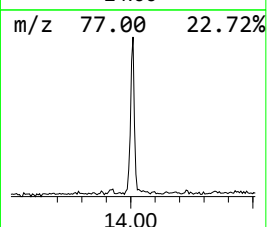
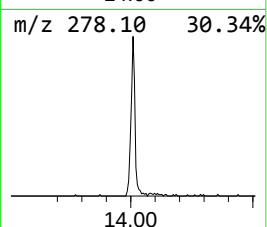
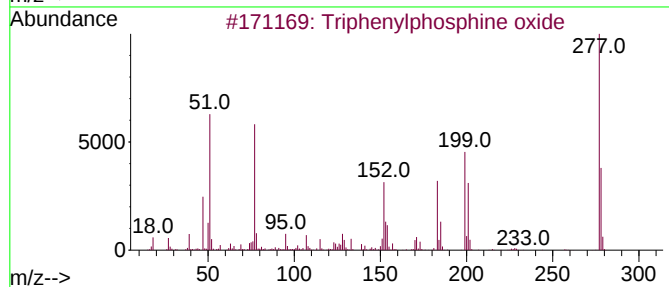
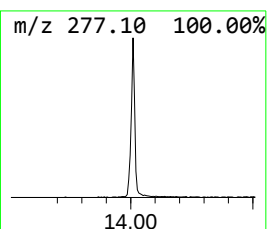
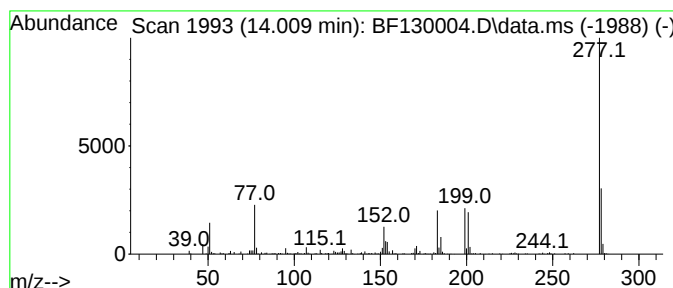
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Triphenylphosphine oxide Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.009 | 6.80 ng | 241279 | Chrysene-d12     | 13.921 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm     | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Triphenylphosphine oxide             | 278 | C18H15OP    | 000791-28-6  | 93   |
| 2    |    |   | (E)-7-Benzylidene-1-azabicyclo[3...] | 293 | C15H19N03S  | 1000483-83-4 | 81   |
| 3    |    |   | Formaldehyde, (triphenylphosphor...] | 304 | C19H17N2P   | 015990-54-2  | 64   |
| 4    |    |   | Vanadium, cycloheptatrienyl-(pen...] | 277 | C17H22V     | 1000155-20-5 | 38   |
| 5    |    |   | 1H-Indole-3-acetic acid, 5-[(tri...] | 277 | C14H19N03Si | 072101-35-0  | 38   |



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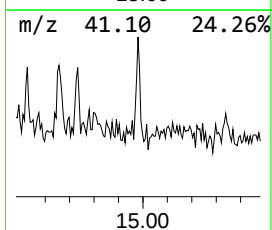
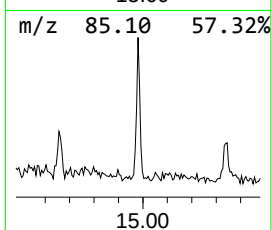
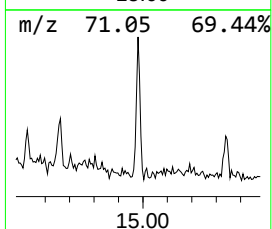
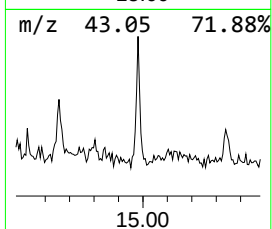
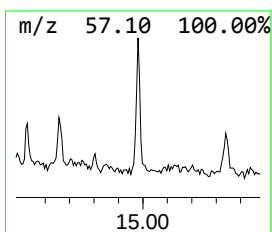
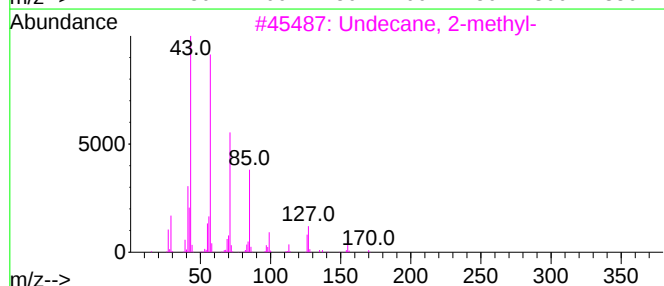
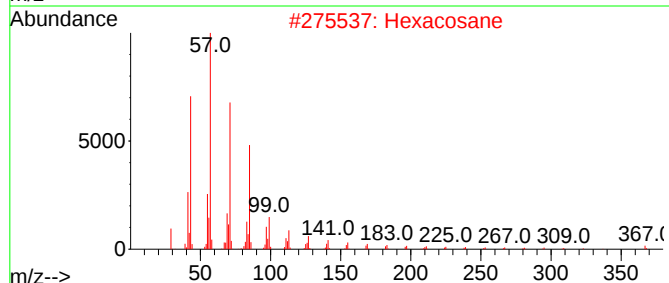
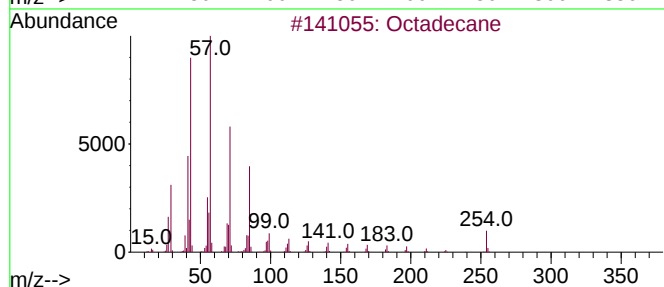
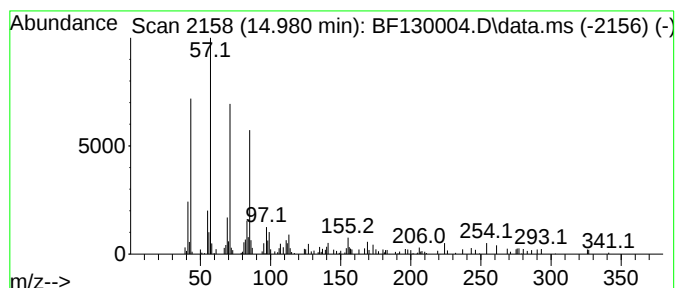
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Octadecane Concentration Rank 4

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 14.980 | 2.65 ng | 91265 | Perylene-d12     | 15.368 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Octadecane          | 254 | C18H38  | 000593-45-3 | 80   |
| 2    |    |   | Hexacosane          | 366 | C26H54  | 000630-01-3 | 68   |
| 3    |    |   | Undecane, 2-methyl- | 170 | C12H26  | 007045-71-8 | 64   |
| 4    |    |   | Tetratetracontane   | 619 | C44H90  | 007098-22-8 | 64   |
| 5    |    |   | Pentacosane         | 352 | C25H52  | 000629-99-2 | 64   |



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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-... | 4.975  | 26.2    | ng    | 943815   | 1                     | 6.757  | 720551 | 20.0 |
| Triphenylphosph... | 14.009 | 6.8     | ng    | 241279   | 5                     | 13.921 | 709754 | 20.0 |
| Octadecane         | 14.980 | 2.6     | ng    | 91265    | 6                     | 15.368 | 689907 | 20.0 |