

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF063022\  
 Data File : BF129072.D  
 Acq On : 30 Jun 2022 22:00  
 Operator : CG\JU  
 Sample : N3502-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 D-46-LC

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-BF062922.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129072.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         | 2.351       | 4             | 11          | 20           | rVB      | 2346049        | 3149978       | 28.71%          | 4.188%        |
| 2         | 5.587       | 556           | 561         | 564          | rBV      | 8275515        | 8867358       | 80.83%          | 11.791%       |
| 3         | 6.581       | 724           | 730         | 733          | rBV      | 7925789        | 9148051       | 83.39%          | 12.164%       |
| 4         | 6.957       | 790           | 794         | 797          | rBV      | 2767246        | 2366662       | 21.57%          | 3.147%        |
| 5         | 7.522       | 883           | 890         | 893          | rBV      | 5448098        | 5960636       | 54.33%          | 7.926%        |
| 6         | 8.239       | 1007          | 1012        | 1015         | rBV      | 3678528        | 3148059       | 28.70%          | 4.186%        |
| 7         | 9.316       | 1189          | 1195        | 1198         | rBV      | 11523249       | 10970218      | 100.00%         | 14.587%       |
| 8         | 9.998       | 1305          | 1311        | 1314         | rBV      | 4310085        | 3523393       | 32.12%          | 4.685%        |
| 9         | 10.792      | 1438          | 1446        | 1449         | rBV      | 7258420        | 7137976       | 65.07%          | 9.491%        |
| 10        | 11.492      | 1561          | 1565        | 1568         | rBV      | 4008090        | 3520643       | 32.09%          | 4.681%        |
| 11        | 12.004      | 1648          | 1652        | 1656         | rBV      | 357672         | 322385        | 2.94%           | 0.429%        |
| 12        | 13.080      | 1830          | 1835        | 1838         | rBV      | 11231117       | 10906929      | 99.42%          | 14.503%       |
| 13        | 14.021      | 1990          | 1995        | 2005         | rBV2     | 271738         | 562014        | 5.12%           | 0.747%        |
| 14        | 14.139      | 2011          | 2015        | 2018         | rBV      | 3196114        | 2746718       | 25.04%          | 3.652%        |
| 15        | 14.233      | 2025          | 2031        | 2037         | rBV      | 586760         | 648276        | 5.91%           | 0.862%        |
| 16        | 15.662      | 2268          | 2274        | 2282         | rBV      | 1763895        | 2227267       | 20.30%          | 2.962%        |

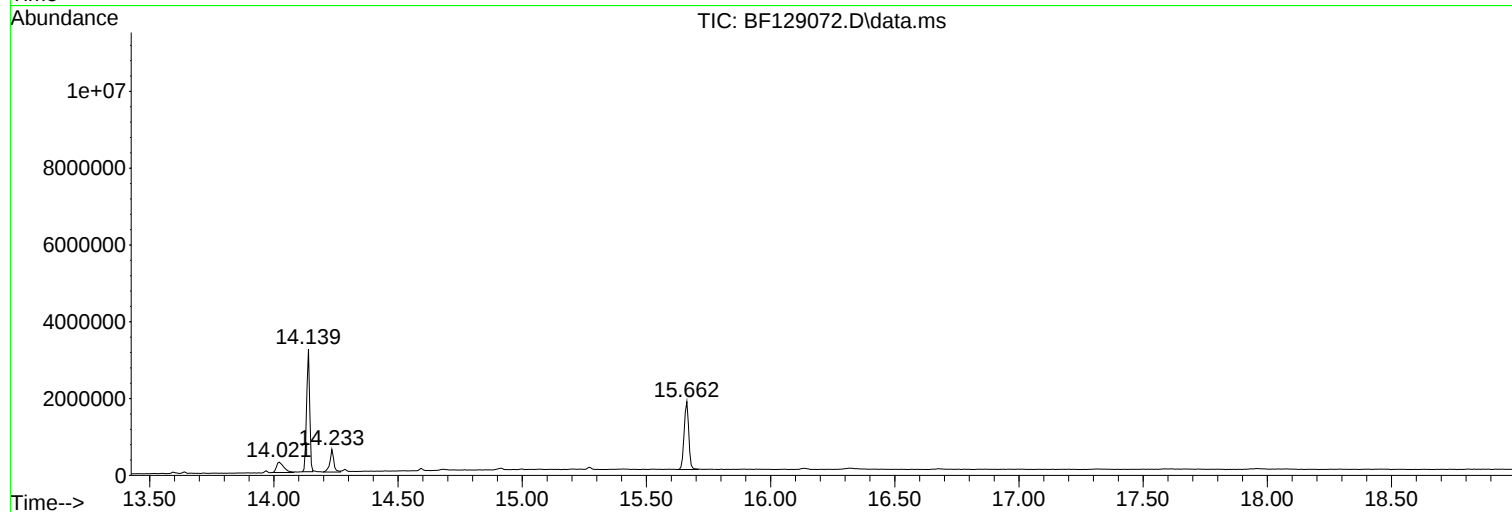
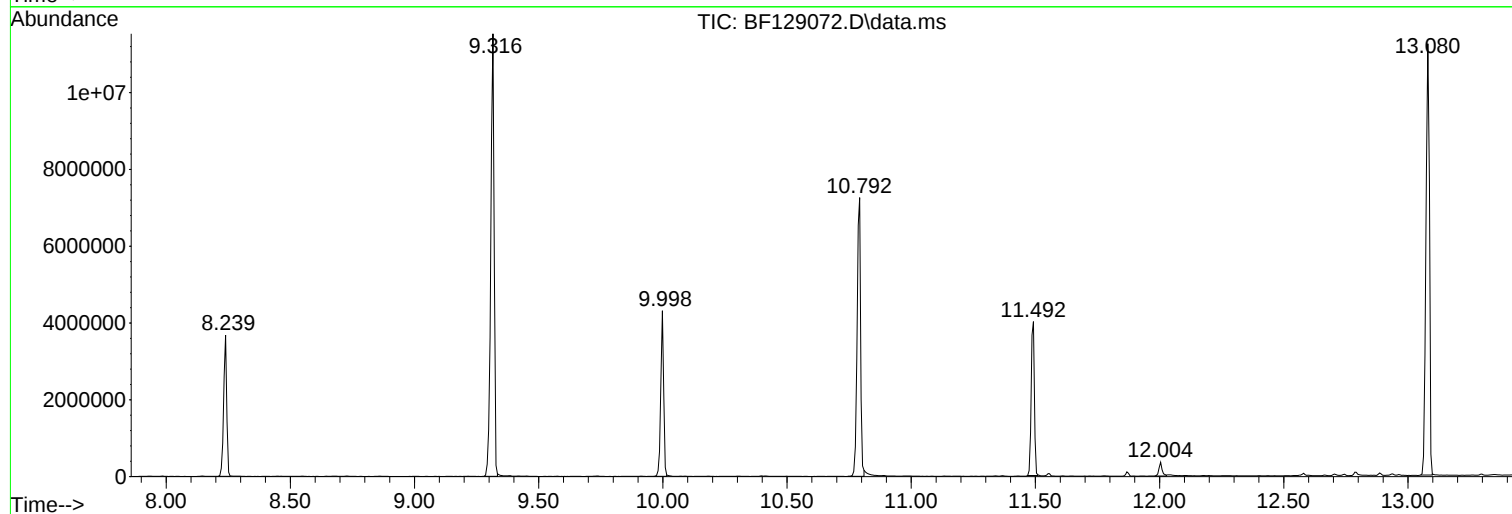
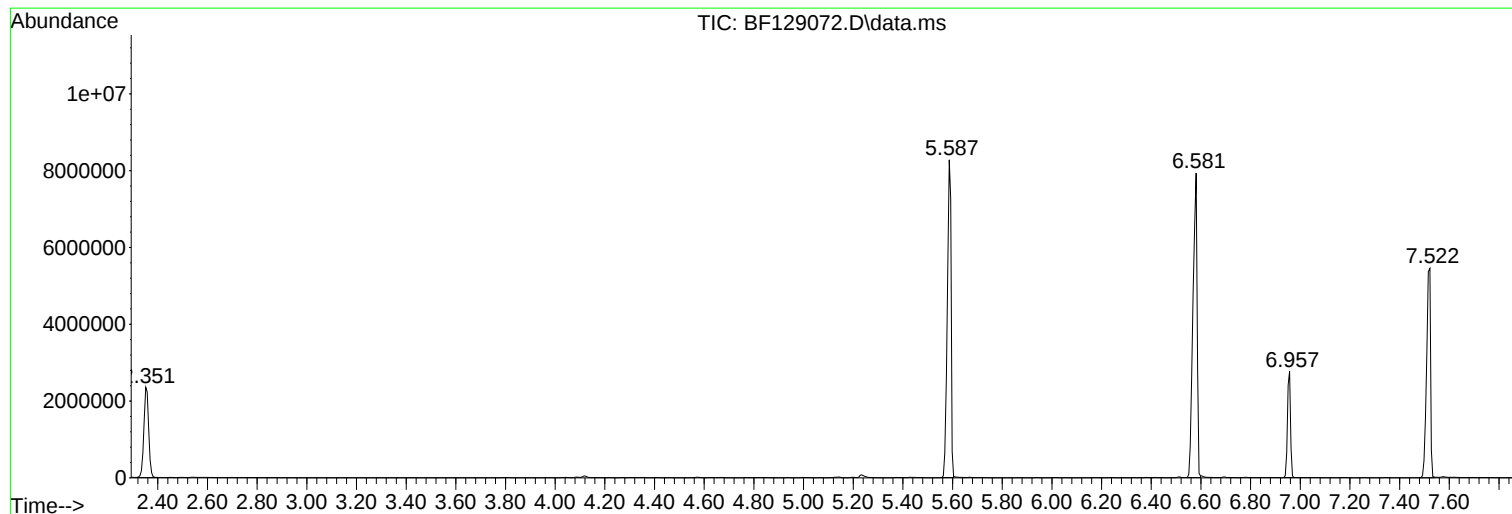
Sum of corrected areas: 75206563

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ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
D-46-LC

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062922.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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ClientSampleId :  
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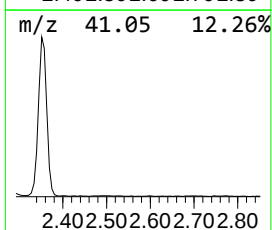
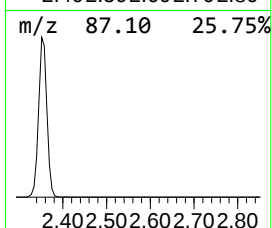
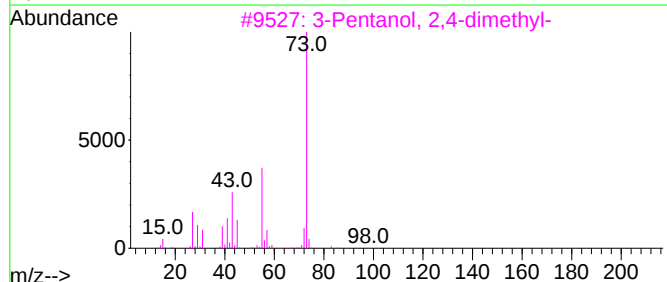
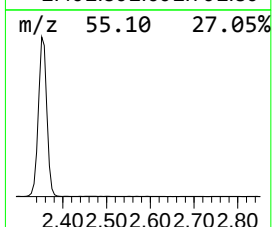
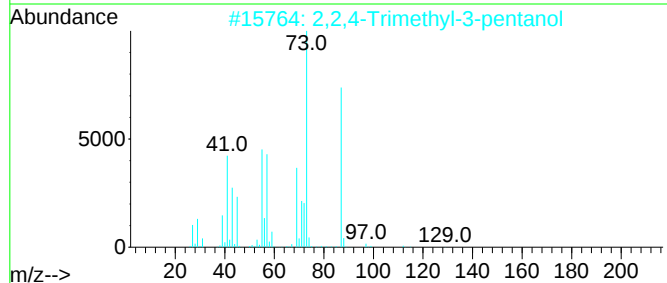
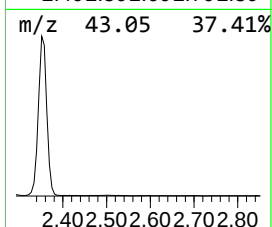
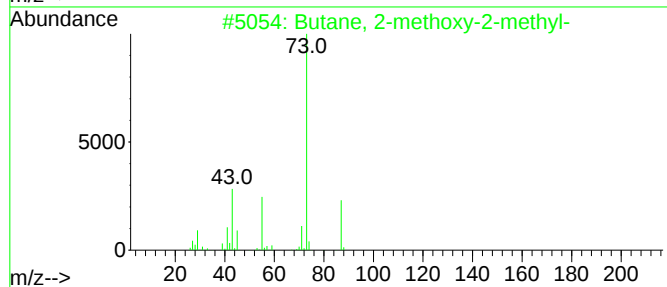
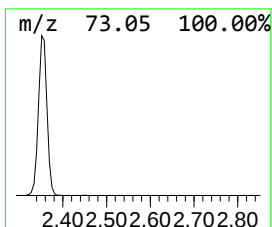
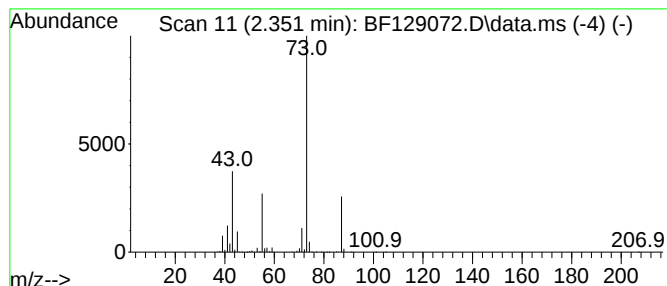
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 2.351 | 26.62 ng | 3149980 | 1,4-Dichlorobenzene-d4 | 6.957 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 3    |    |   | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 37   |
| 4    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 25   |
| 5    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |



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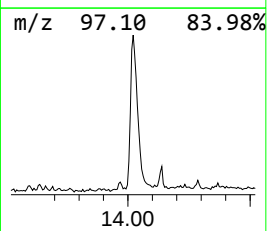
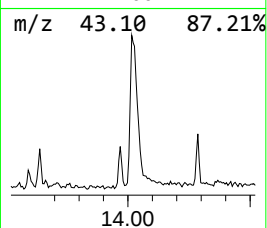
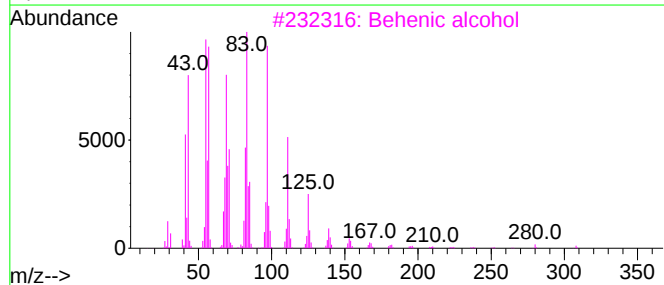
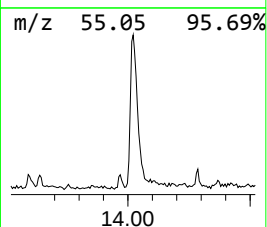
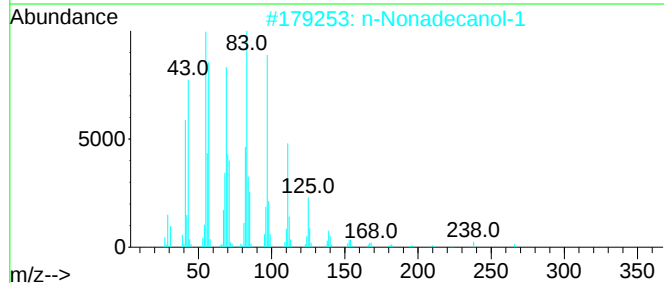
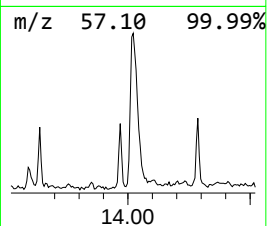
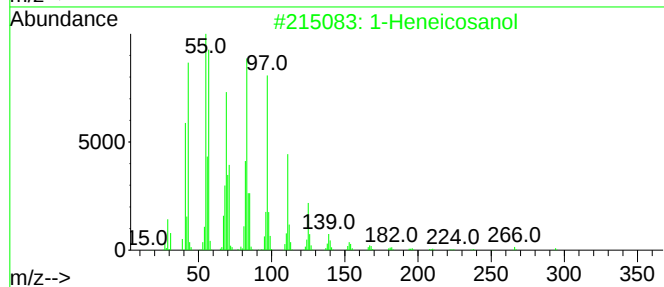
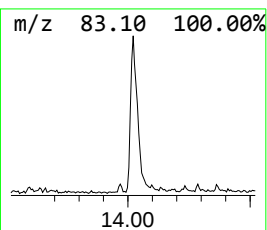
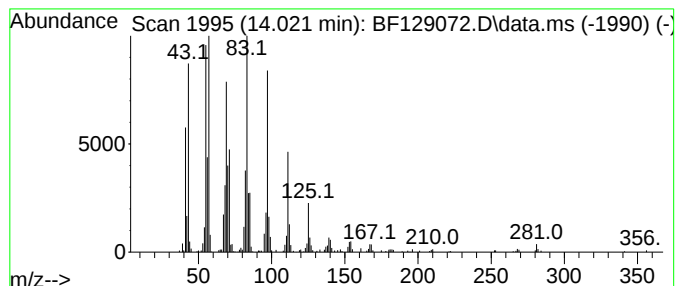
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
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Peak Number 2 1-Heneicosanol Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.021 | 4.09 ng | 562014 | Chrysene-d12     | 14.139 |

| Hit# | of | 5 | Tentative ID    | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------|-----|---------|-------------|------|
| 1    |    |   | 1-Heneicosanol  | 312 | C21H44O | 015594-90-8 | 95   |
| 2    |    |   | n-Nonadecanol-1 | 284 | C19H40O | 001454-84-8 | 95   |
| 3    |    |   | Behenic alcohol | 326 | C22H46O | 000661-19-8 | 94   |
| 4    |    |   | 1-Tetracosene   | 336 | C24H48  | 010192-32-2 | 94   |
| 5    |    |   | 1-Hexacosene    | 364 | C26H52  | 018835-33-1 | 94   |



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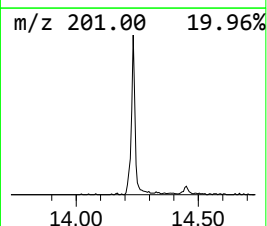
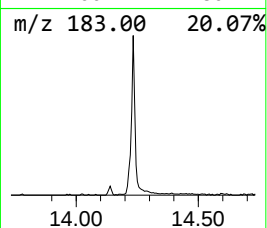
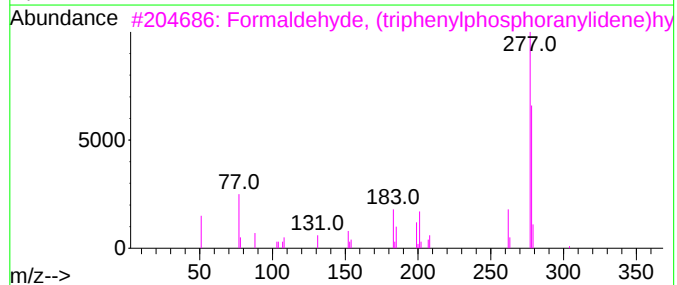
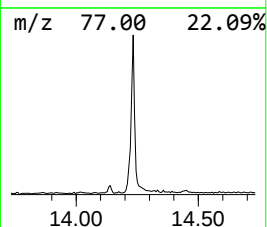
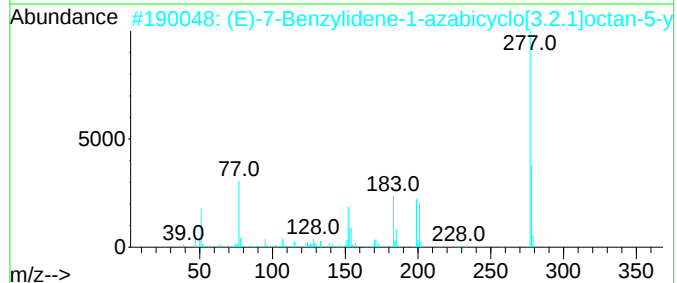
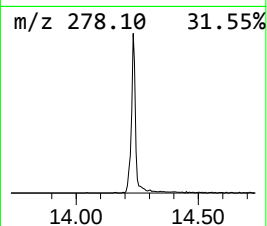
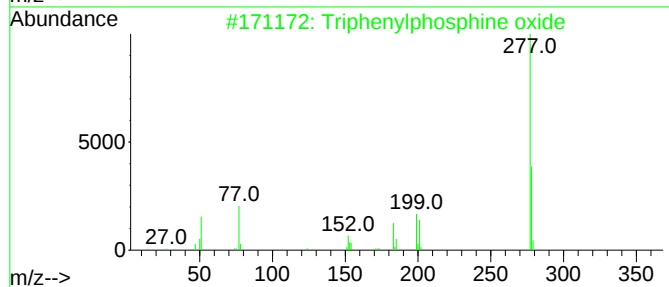
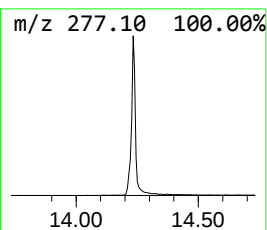
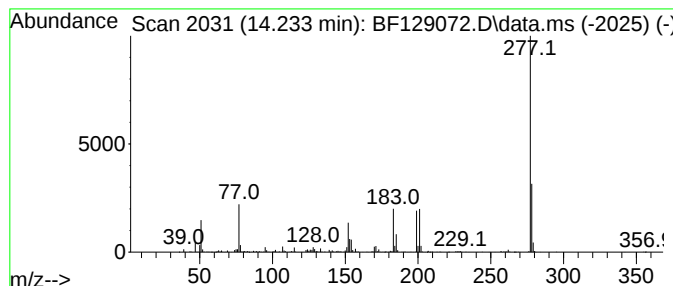
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Triphenylphosphine oxide Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.233 | 4.72 ng | 648276 | Chrysene-d12     | 14.139 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm    | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Triphenylphosphine oxide             | 278 | C18H15OP   | 000791-28-6  | 95   |
| 2    |    |   | (E)-7-Benzylidene-1-azabicyclo[3...] | 293 | C15H19NO3S | 1000483-83-4 | 91   |
| 3    |    |   | Formaldehyde, (triphenylphosphor...  | 304 | C19H17N2P  | 015990-54-2  | 64   |
| 4    |    |   | Cobalt,(.eta.<5>-2,4-cyclopentad...  | 277 | C16H15BCo  | 036682-12-9  | 35   |
| 5    |    |   | Vanadium, cycloheptatrienyl-(pen...  | 277 | C17H22V    | 1000155-20-5 | 23   |



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TIC Library : C:\Database\NIST20.L  
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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butane, 2-metho... | 2.351  | 26.6    | ng    | 3149980  | 1                     | 6.957  | 2366660 | 20.0 |
| 1-Heneicosanol     | 14.021 | 4.1     | ng    | 562014   | 5                     | 14.139 | 2746720 | 20.0 |
| Triphenylphosph... | 14.233 | 4.7     | ng    | 648276   | 5                     | 14.139 | 2746720 | 20.0 |