

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060122\  
 Data File : BF128626.D  
 Acq On : 01 Jun 2022 16:55  
 Operator : CG\JU  
 Sample : N2953-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P043-SS001-1218-01

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-BF052622.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128626.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         | 3.381       | 184           | 186         | 203          | rBV      | 23112          | 46814         | 1.76%           | 0.271%        |
| 2         | 5.492       | 541           | 545         | 561          | rBV      | 2168953        | 2437773       | 91.86%          | 14.113%       |
| 3         | 6.504       | 714           | 717         | 727          | rBV      | 2267608        | 2513205       | 94.70%          | 14.549%       |
| 4         | 6.575       | 727           | 729         | 733          | rVB      | 74057          | 60204         | 2.27%           | 0.349%        |
| 5         | 6.833       | 769           | 773         | 776          | rBV      | 791192         | 635933        | 23.96%          | 3.681%        |
| 6         | 7.398       | 863           | 869         | 872          | rBV      | 1750337        | 1692367       | 63.77%          | 9.797%        |
| 7         | 8.116       | 986           | 991         | 994          | rBV      | 910766         | 754085        | 28.41%          | 4.365%        |
| 8         | 9.192       | 1169          | 1174        | 1177         | rBV      | 3266346        | 2653924       | 100.00%         | 15.364%       |
| 9         | 9.869       | 1285          | 1289        | 1292         | rBV      | 956879         | 752081        | 28.34%          | 4.354%        |
| 10        | 10.663      | 1419          | 1424        | 1427         | rBV      | 1666138        | 1463292       | 55.14%          | 8.471%        |
| 11        | 11.351      | 1538          | 1541        | 1545         | rBV      | 719373         | 663691        | 25.01%          | 3.842%        |
| 12        | 11.745      | 1605          | 1608        | 1613         | rVB      | 48051          | 42535         | 1.60%           | 0.246%        |
| 13        | 11.886      | 1627          | 1632        | 1648         | rBV      | 110798         | 125170        | 4.72%           | 0.725%        |
| 14        | 12.668      | 1761          | 1765        | 1771         | rBV2     | 36986          | 39174         | 1.48%           | 0.227%        |
| 15        | 12.945      | 1807          | 1812        | 1815         | rBV      | 2114386        | 1898843       | 71.55%          | 10.993%       |
| 16        | 13.915      | 1971          | 1977        | 1986         | rBV3     | 49967          | 137004        | 5.16%           | 0.793%        |
| 17        | 13.992      | 1986          | 1990        | 1994         | rVB      | 594884         | 531134        | 20.01%          | 3.075%        |
| 18        | 14.092      | 2000          | 2007        | 2011         | rBV      | 233450         | 231643        | 8.73%           | 1.341%        |
| 19        | 14.851      | 2133          | 2136        | 2139         | rBV      | 33258          | 32333         | 1.22%           | 0.187%        |
| 20        | 15.456      | 2234          | 2239        | 2244         | rBV      | 453266         | 562592        | 21.20%          | 3.257%        |

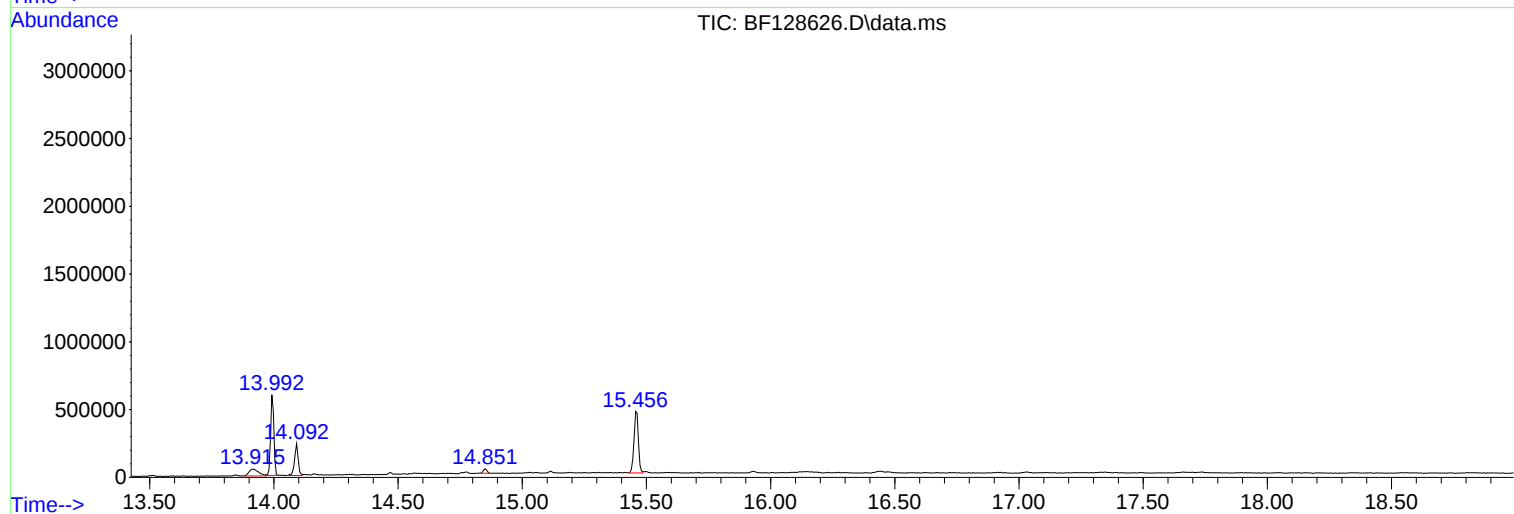
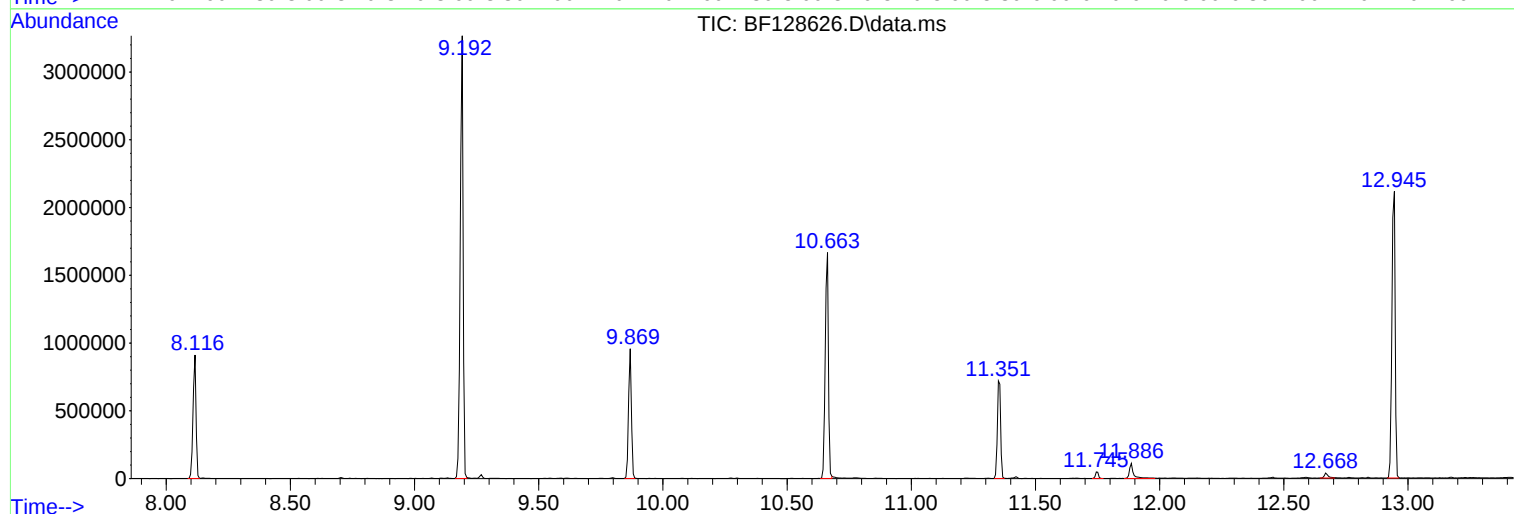
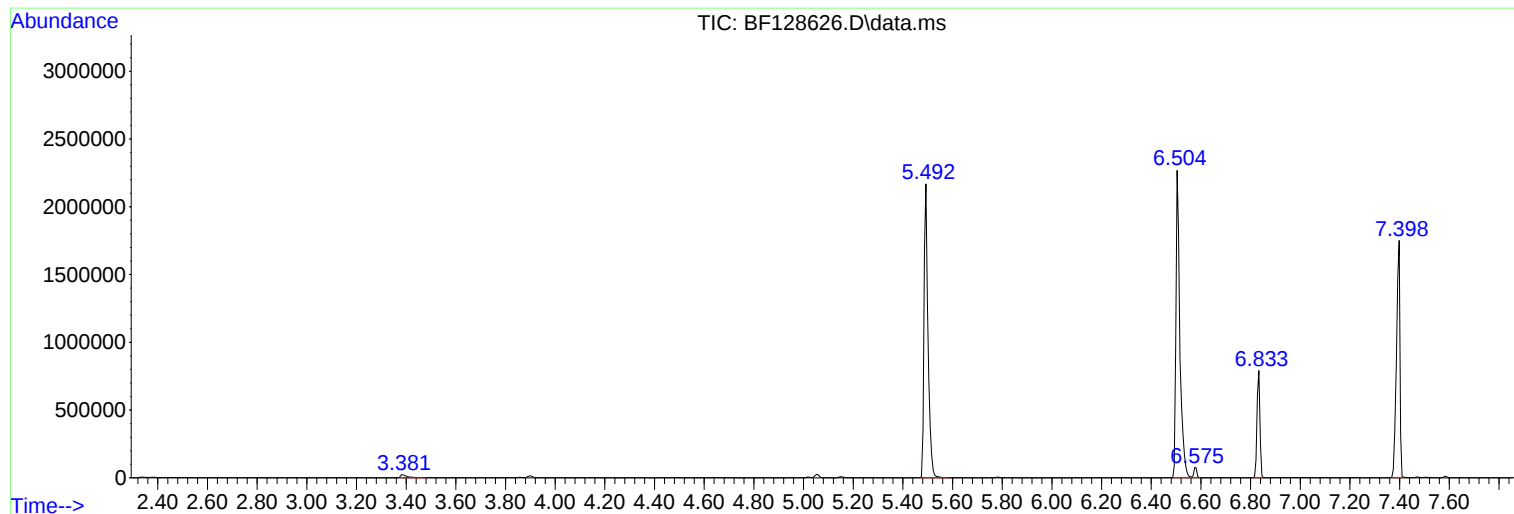
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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P043-SS001-1218-01

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052622.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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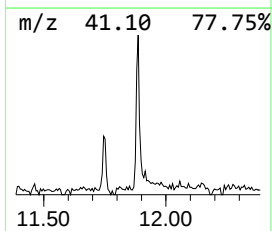
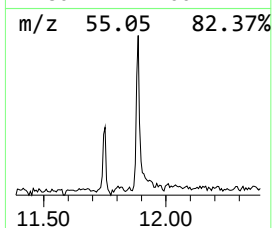
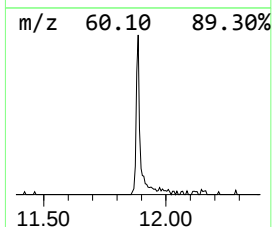
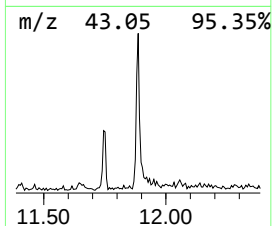
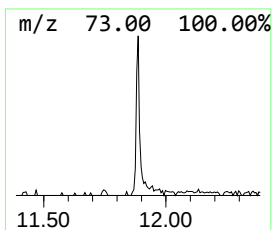
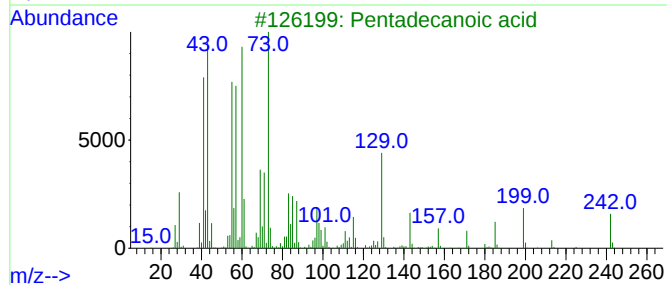
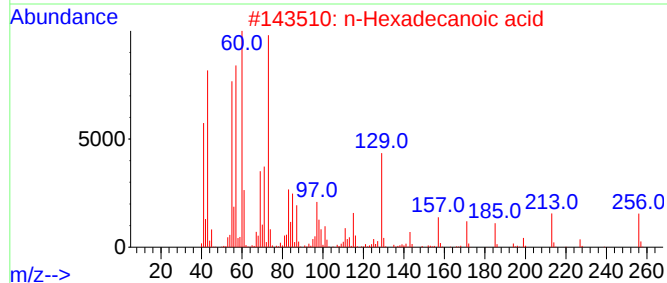
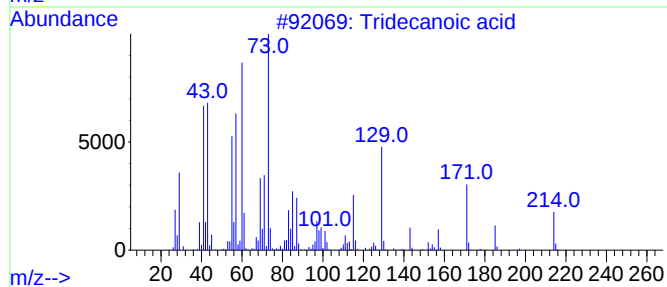
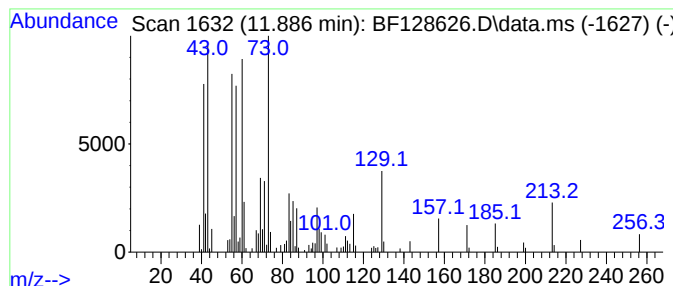
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF052622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Tridecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.886 | 3.77 ng | 125170 | Phenanthrene-d10 | 11.351 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 95   |
| 2    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 94   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 87   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 86   |
| 5    |    |   | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 59   |



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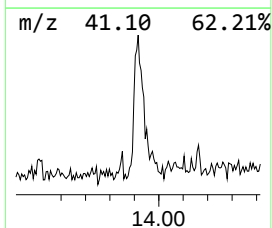
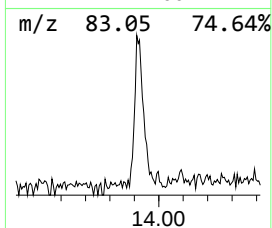
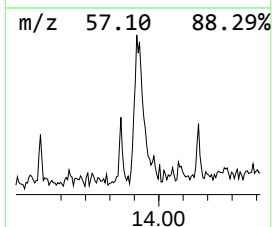
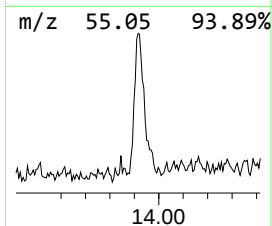
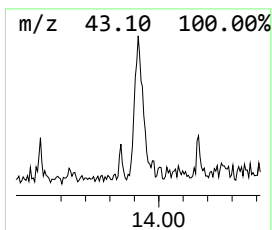
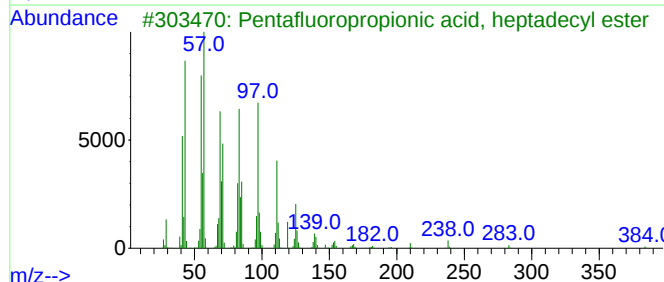
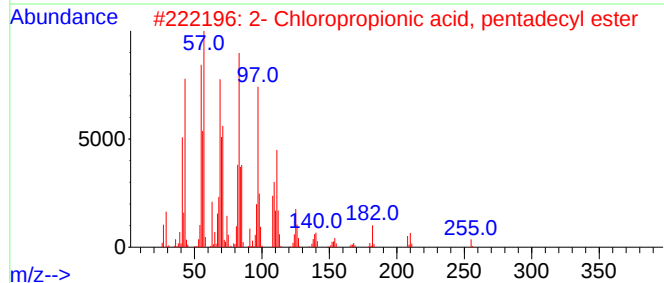
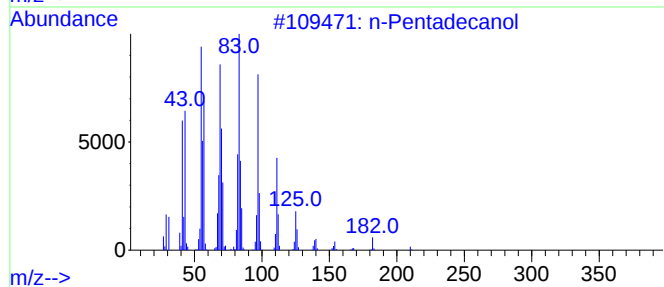
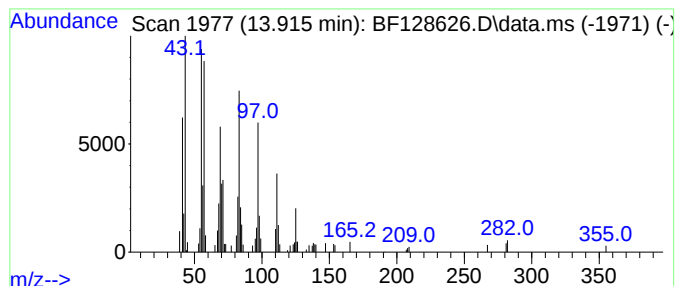
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Peak Number 2 n-Pentadecanol Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.915 | 5.16 ng | 137004 | Chrysene-d12     | 13.992 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | n-Pentadecanol                      | 228 | C15H32O    | 000629-76-5  | 87   |
| 2    |    |   | 2- Chloropropionic acid, pentade... | 318 | C18H35ClO2 | 1000292-44-1 | 87   |
| 3    |    |   | Pentafluoropropionic acid, hepta... | 402 | C20H35F5O2 | 959218-78-1  | 87   |
| 4    |    |   | Trifluoroacetoxy hexadecane         | 338 | C18H33F3O2 | 006222-03-3  | 83   |
| 5    |    |   | n-Heptadecanol-1                    | 256 | C17H36O    | 001454-85-9  | 81   |



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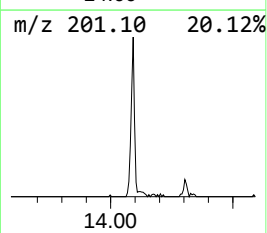
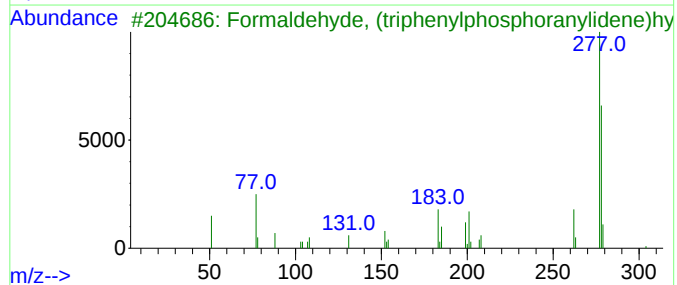
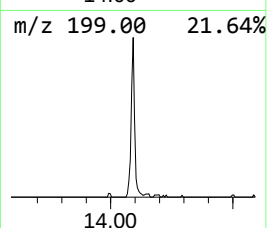
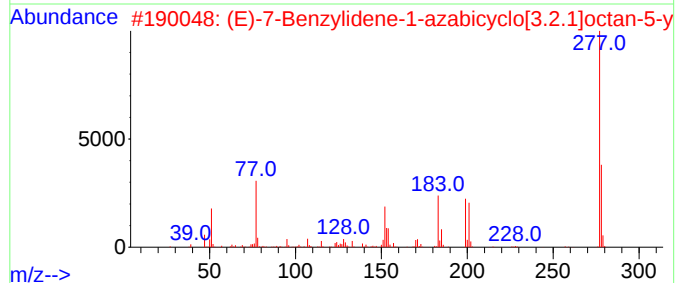
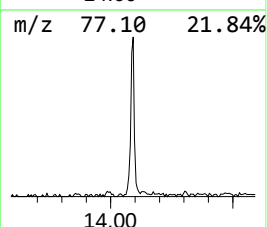
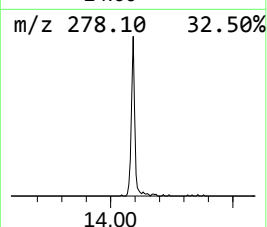
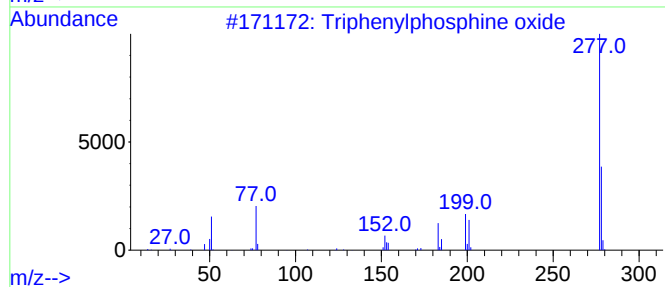
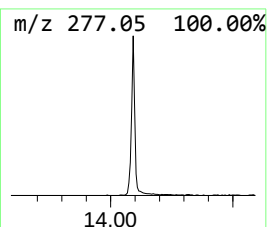
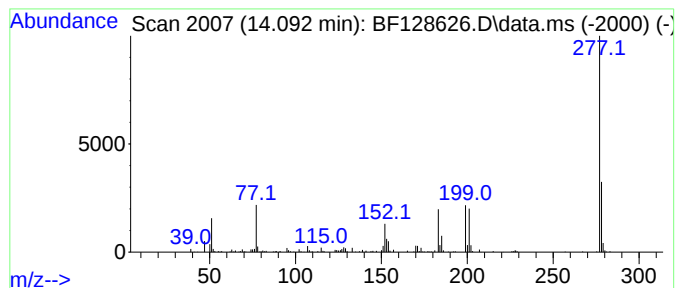
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Peak Number 3 Triphenylphosphine oxide Concentration Rank 1

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.092 | 8.72 ng | 231643 | Chrysene-d12     | 13.992 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm    | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Triphenylphosphine oxide             | 278 | C18H15OP   | 000791-28-6  | 97   |
| 2    |    |   | (E)-7-Benzylidene-1-azabicyclo[3...] | 293 | C15H19NO3S | 1000483-83-4 | 52   |
| 3    |    |   | Formaldehyde, (triphenylphosphor...] | 304 | C19H17N2P  | 015990-54-2  | 45   |
| 4    |    |   | Vanadium, cycloheptatrienyl-(pen...] | 277 | C17H22V    | 1000155-20-5 | 43   |
| 5    |    |   | 2-Phenyl-6-(trifluoromethyl)-1H-...  | 277 | C15H10F3NO | 1000387-59-3 | 32   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Tridecanoic acid   | 11.886 | 3.8     | ng    | 125170   | 4                     | 11.351 | 663691 | 20.0 |
| n-Pentadecanol     | 13.915 | 5.2     | ng    | 137004   | 5                     | 13.992 | 531134 | 20.0 |
| Triphenylphosph... | 14.092 | 8.7     | ng    | 231643   | 5                     | 13.992 | 531134 | 20.0 |