

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP012522\  
 Data File : BP008918.D  
 Acq On : 25 Jan 2022 21:02  
 Operator : CG/JU  
 Sample : N1245-05 2X  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SB-3(0.5-1)

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-BP011422.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP008918.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         | 3.040       | 5             | 9           | 27           | rVB      | 212260         | 338716        | 4.19%           | 0.537%        |
| 2         | 4.958       | 330           | 335         | 343          | rVB      | 53510          | 81280         | 1.01%           | 0.129%        |
| 3         | 5.422       | 408           | 414         | 434          | rBV      | 1006338        | 1607909       | 19.91%          | 2.550%        |
| 4         | 7.017       | 676           | 685         | 699          | rBV      | 944272         | 1739253       | 21.53%          | 2.759%        |
| 5         | 7.834       | 816           | 824         | 833          | rBV      | 1104198        | 1795032       | 22.22%          | 2.847%        |
| 6         | 8.993       | 1014          | 1021        | 1033         | rBV      | 606442         | 1104527       | 13.68%          | 1.752%        |
| 7         | 10.634      | 1292          | 1300        | 1307         | rBV      | 1326588        | 2341394       | 28.99%          | 3.714%        |
| 8         | 13.099      | 1712          | 1719        | 1733         | rBV      | 1876366        | 2862504       | 35.44%          | 4.541%        |
| 9         | 14.475      | 1944          | 1953        | 1960         | rBV      | 2049837        | 3107804       | 38.48%          | 4.930%        |
| 10        | 14.540      | 1960          | 1964        | 1973         | rVB      | 74216          | 129967        | 1.61%           | 0.206%        |
| 11        | 14.881      | 2016          | 2022        | 2026         | rBV      | 62610          | 95156         | 1.18%           | 0.151%        |
| 12        | 15.975      | 2202          | 2208        | 2219         | rBV      | 835725         | 1347584       | 16.68%          | 2.138%        |
| 13        | 16.204      | 2242          | 2247        | 2255         | rVB5     | 44062          | 100251        | 1.24%           | 0.159%        |
| 14        | 16.887      | 2359          | 2363        | 2370         | rVB      | 56903          | 90161         | 1.12%           | 0.143%        |
| 15        | 17.051      | 2387          | 2391        | 2402         | rVB      | 64065          | 114364        | 1.42%           | 0.181%        |
| 16        | 17.234      | 2416          | 2422        | 2426         | rBV      | 2631273        | 3762323       | 46.58%          | 5.968%        |
| 17        | 17.275      | 2426          | 2429        | 2435         | rVB      | 812451         | 1132291       | 14.02%          | 1.796%        |
| 18        | 17.369      | 2440          | 2445        | 2450         | rVB      | 246966         | 356333        | 4.41%           | 0.565%        |
| 19        | 17.645      | 2487          | 2492        | 2500         | rBV      | 73988          | 160946        | 1.99%           | 0.255%        |
| 20        | 18.104      | 2566          | 2570        | 2572         | rBV      | 88995          | 122294        | 1.51%           | 0.194%        |
| 21        | 18.145      | 2574          | 2577        | 2584         | rVB      | 165184         | 250708        | 3.10%           | 0.398%        |
| 22        | 18.228      | 2588          | 2591        | 2596         | rVV      | 65645          | 81650         | 1.01%           | 0.130%        |
| 23        | 18.292      | 2597          | 2602        | 2605         | rVV2     | 193981         | 338577        | 4.19%           | 0.537%        |
| 24        | 18.328      | 2606          | 2608        | 2613         | rVB      | 111533         | 126800        | 1.57%           | 0.201%        |
| 25        | 18.586      | 2648          | 2652        | 2656         | rBV      | 183868         | 252639        | 3.13%           | 0.401%        |
| 26        | 18.634      | 2656          | 2660        | 2665         | rVB2     | 91443          | 149474        | 1.85%           | 0.237%        |
| 27        | 18.992      | 2717          | 2721        | 2724         | rBV      | 128575         | 183921        | 2.28%           | 0.292%        |
| 28        | 19.128      | 2741          | 2744        | 2750         | rBV      | 123799         | 173684        | 2.15%           | 0.276%        |
| 29        | 19.245      | 2759          | 2764        | 2771         | rBV      | 3747164        | 4793943       | 59.35%          | 7.604%        |
| 30        | 19.598      | 2815          | 2824        | 2833         | rBV      | 3914760        | 6091087       | 75.41%          | 9.662%        |
| 31        | 19.792      | 2852          | 2857        | 2862         | rVB      | 3430703        | 4301948       | 53.26%          | 6.824%        |
| 32        | 20.816      | 3028          | 3031        | 3038         | rBV      | 340937         | 450230        | 5.57%           | 0.714%        |
| 33        | 21.322      | 3111          | 3117        | 3121         | rBV2     | 4261176        | 8076795       | 100.00%         | 12.812%       |
| 34        | 21.363      | 3121          | 3124        | 3132         | rVB      | 2016607        | 2692242       | 33.33%          | 4.270%        |
| 35        | 21.439      | 3134          | 3137        | 3142         | rBV      | 866304         | 1303195       | 16.14%          | 2.067%        |
| 36        | 23.010      | 3399          | 3404        | 3409         | rBV      | 1685541        | 3684001       | 45.61%          | 5.844%        |

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Sample : N1245-05 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SB-3(0.5-1)

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-BP011422.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 23.639 | 3506 | 3511 | 3519 | rVB  | 1461941 | 3043384 | 37.68% | 4.827% |
| 38 | 23.745 | 3523 | 3529 | 3535 | rVV2 | 2331142 | 4658721 | 57.68% | 7.390% |

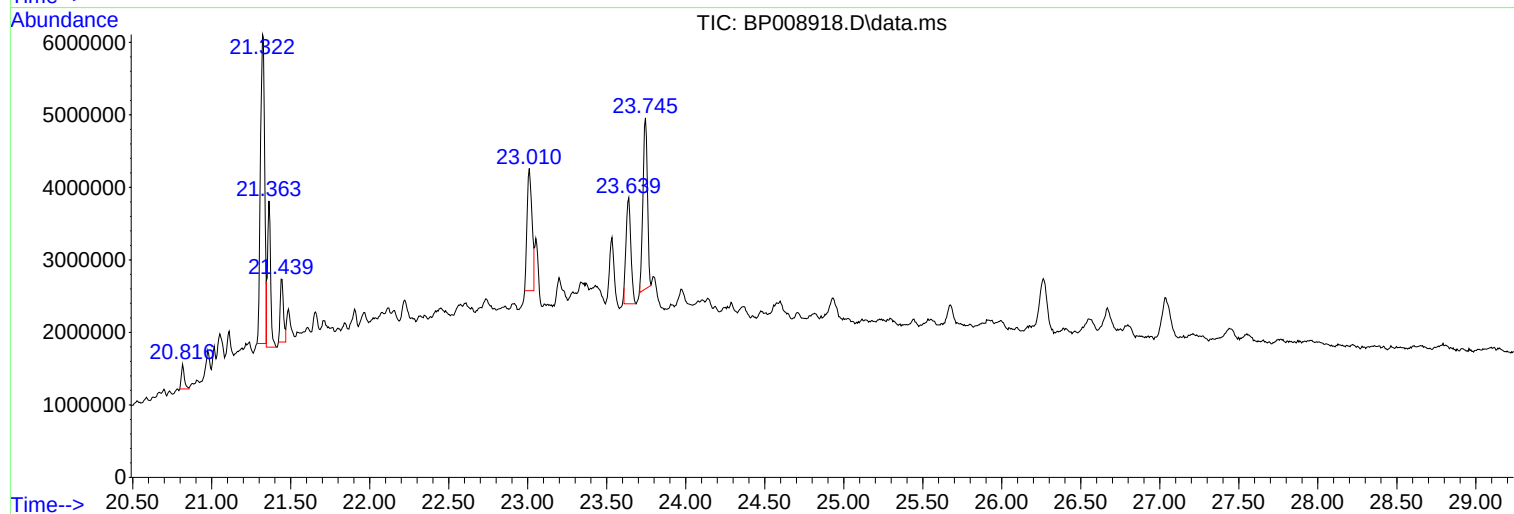
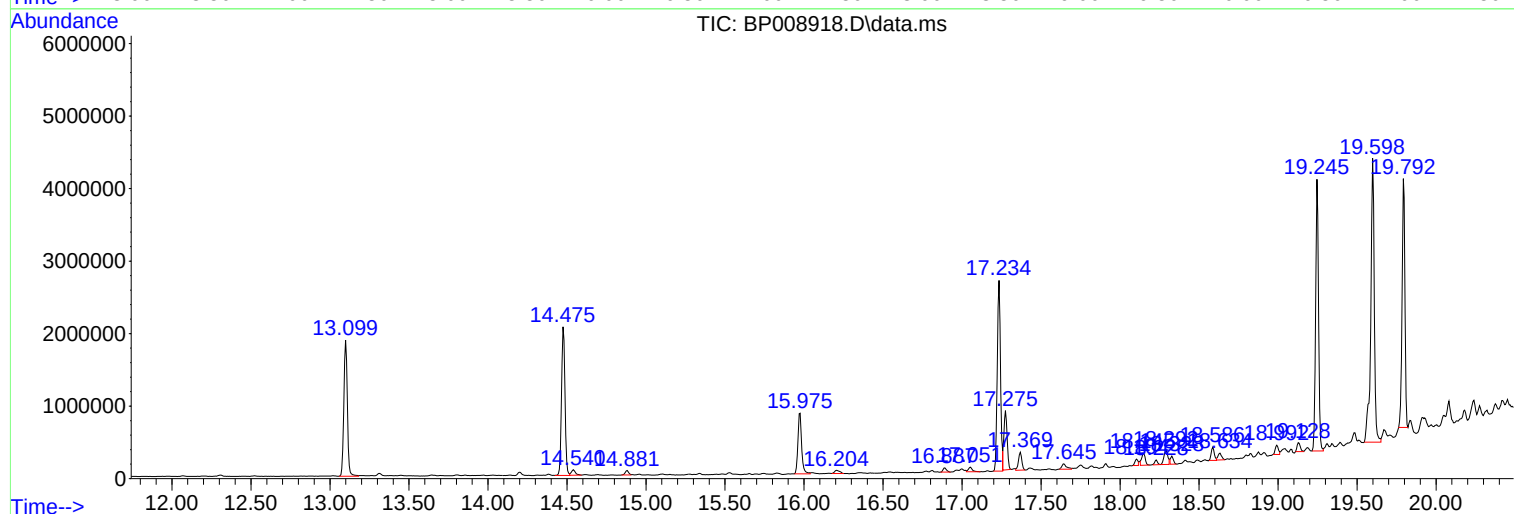
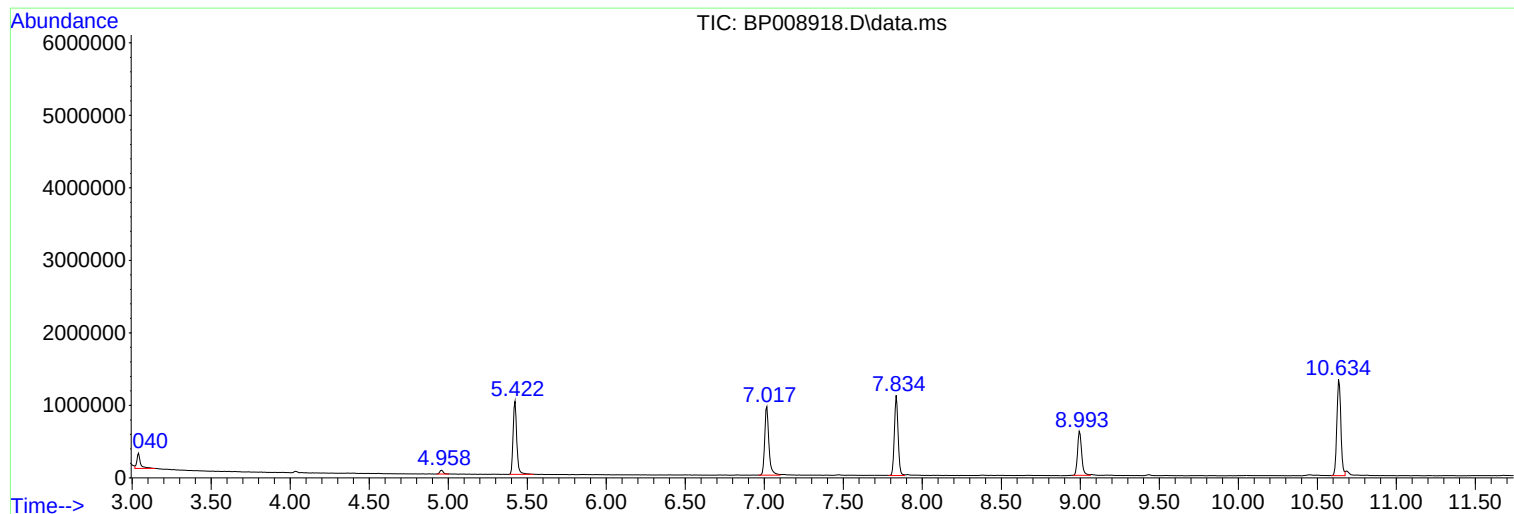
Sum of corrected areas: 63043088

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Instrument :  
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ClientSampleId :  
SB-3(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.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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Sample : N1245-05 2X  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SB-3(0.5-1)

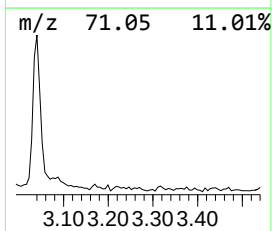
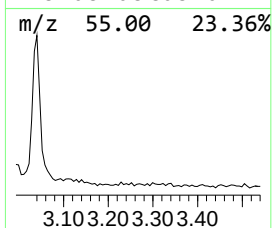
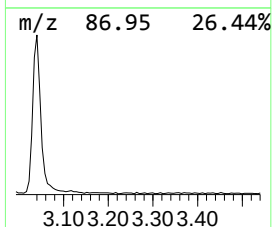
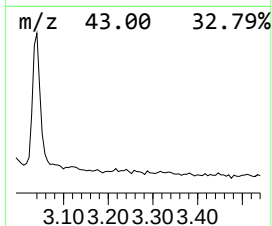
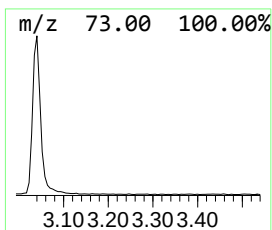
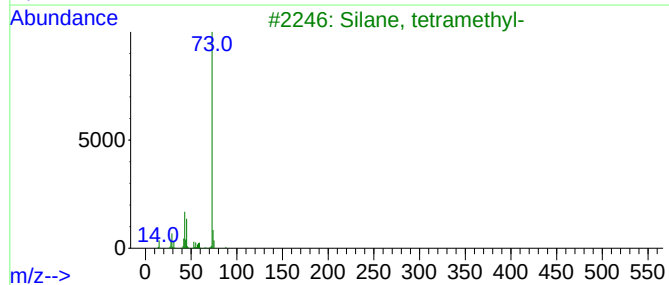
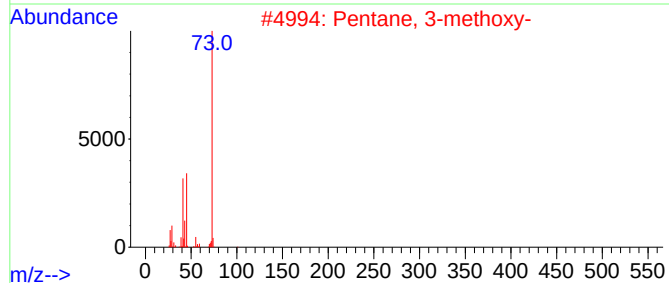
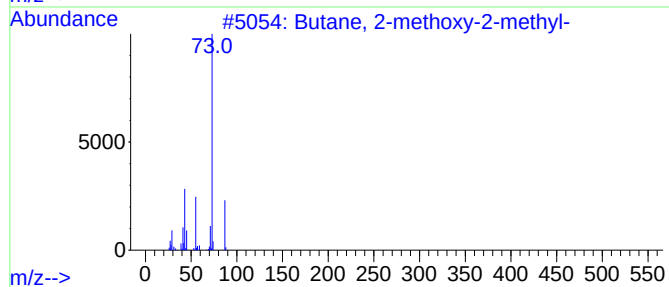
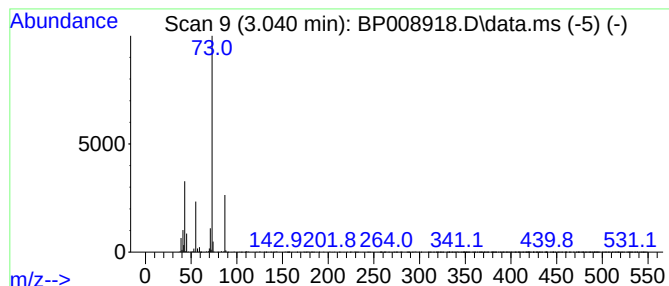
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.  |
|-------|---------|--------|------------------------|-------|
| 3.040 | 3.77 ng | 338716 | 1,4-Dichlorobenzene-d4 | 7.834 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 17   |
| 3    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 10   |
| 4    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |
| 5    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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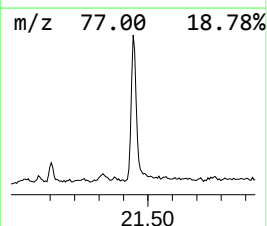
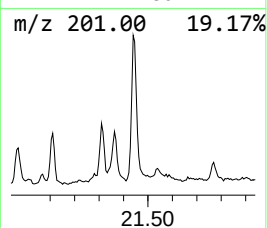
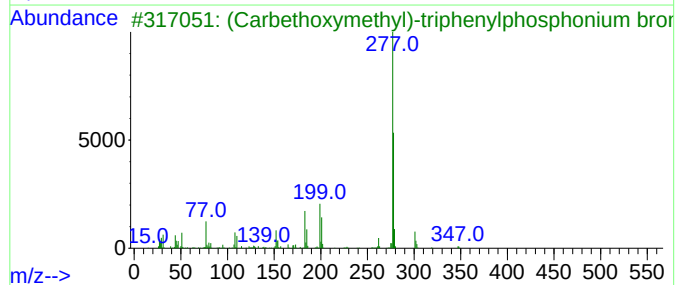
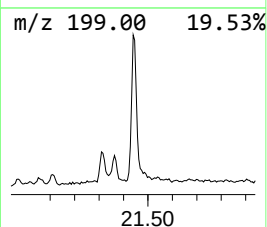
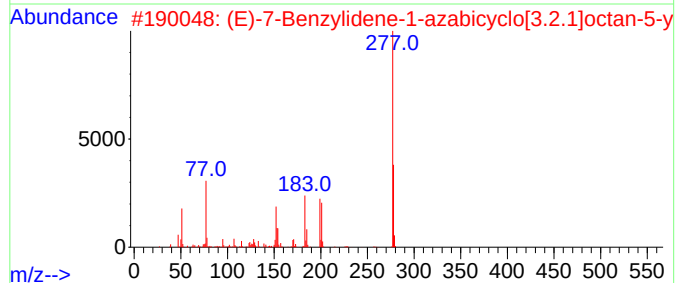
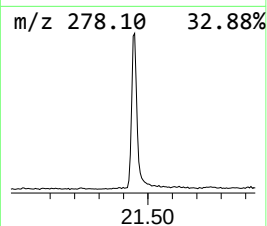
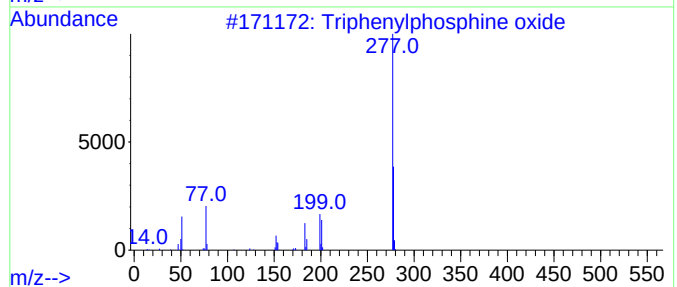
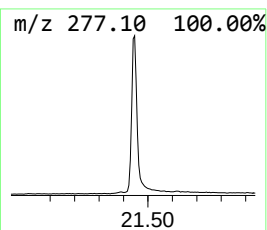
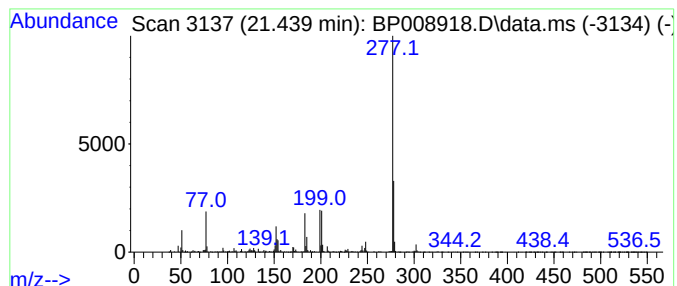
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.M  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Triphenylphosphine oxide Concentration Rank 2

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 21.439 | 3.23 ng | 1303200 | Chrysene-d12     | 21.328 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm     | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Triphenylphosphine oxide             | 278 | C18H15OP    | 000791-28-6  | 91   |
| 2    |    |   | (E)-7-Benzylidene-1-azabicyclo[3...] | 293 | C15H19NO3S  | 1000483-83-4 | 83   |
| 3    |    |   | (Carbethoxymethyl)-triphenylphos...  | 428 | C22H22BrO2P | 001530-45-6  | 45   |
| 4    |    |   | 5-Methyl-8-phenylfuro[3',2':5,6]...  | 277 | C16H11N3O2  | 1000460-07-9 | 43   |
| 5    |    |   | Cobalt,(.eta.<5>-2,4-cyclopentad...  | 277 | C16H15BCo   | 036682-12-9  | 32   |



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ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
SB-3(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP011422.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 |
| Butane, 2-metho... | 3.040  | 3.8     | ng    | 338716   | 1                     | 7.834  | 1795030 | 20.0 |
| Triphenylphosph... | 21.439 | 3.2     | ng    | 1303200  | 5                     | 21.328 | 8076800 | 20.0 |