

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP0060221\  
 Data File : BP005670.D  
 Acq On : 02 Jun 2021 17:48  
 Operator : CG/JU  
 Sample : M2580-08 2X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 18-B3(2-4)

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-BP052721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005670.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         | 3.110       | 3             | 4           | 10           | rVB      | 514213         | 542212        | 12.56%          | 1.338%        |
| 2         | 4.475       | 230           | 236         | 246          | rBV      | 360022         | 515407        | 11.94%          | 1.272%        |
| 3         | 5.081       | 333           | 339         | 346          | rBV      | 279103         | 391473        | 9.07%           | 0.966%        |
| 4         | 5.546       | 412           | 418         | 426          | rBV      | 790336         | 1152511       | 26.69%          | 2.844%        |
| 5         | 6.669       | 604           | 609         | 614          | rVB      | 38704          | 65293         | 1.51%           | 0.161%        |
| 6         | 7.146       | 683           | 690         | 699          | rBV      | 883401         | 1399852       | 32.42%          | 3.454%        |
| 7         | 7.616       | 763           | 770         | 772          | rBV3     | 32547          | 66916         | 1.55%           | 0.165%        |
| 8         | 7.987       | 826           | 833         | 842          | rBV      | 1306081        | 2093104       | 48.48%          | 5.164%        |
| 9         | 9.151       | 1025          | 1031        | 1039         | rVB      | 538784         | 860001        | 19.92%          | 2.122%        |
| 10        | 10.798      | 1300          | 1311        | 1316         | rBV      | 1641017        | 2858832       | 66.22%          | 7.054%        |
| 11        | 10.845      | 1316          | 1319        | 1328         | rVB      | 165045         | 265781        | 6.16%           | 0.656%        |
| 12        | 12.216      | 1544          | 1552        | 1558         | rBV3     | 28633          | 55979         | 1.30%           | 0.138%        |
| 13        | 12.445      | 1582          | 1591        | 1598         | rVB      | 87748          | 169086        | 3.92%           | 0.417%        |
| 14        | 12.663      | 1623          | 1628        | 1633         | rBV      | 48175          | 83555         | 1.94%           | 0.206%        |
| 15        | 13.239      | 1717          | 1726        | 1733         | rBV      | 1540843        | 2242241       | 51.93%          | 5.532%        |
| 16        | 13.445      | 1757          | 1761        | 1767         | rVB2     | 67076          | 101191        | 2.34%           | 0.250%        |
| 17        | 13.775      | 1812          | 1817        | 1824         | rBV2     | 37193          | 79105         | 1.83%           | 0.195%        |
| 18        | 13.933      | 1839          | 1844        | 1848         | rBV      | 50079          | 77963         | 1.81%           | 0.192%        |
| 19        | 14.063      | 1858          | 1866        | 1870         | rBV      | 138918         | 224014        | 5.19%           | 0.553%        |
| 20        | 14.445      | 1927          | 1931        | 1938         | rBV5     | 41992          | 78377         | 1.82%           | 0.193%        |
| 21        | 14.510      | 1938          | 1942        | 1949         | rVB      | 69198          | 88615         | 2.05%           | 0.219%        |
| 22        | 14.610      | 1950          | 1959        | 1965         | rBV      | 2488895        | 3694609       | 85.57%          | 9.116%        |
| 23        | 14.675      | 1965          | 1970        | 1977         | rVB      | 113061         | 197056        | 4.56%           | 0.486%        |
| 24        | 14.822      | 1991          | 1995        | 2002         | rVB3     | 20668          | 52246         | 1.21%           | 0.129%        |
| 25        | 15.004      | 2022          | 2026        | 2033         | rVB      | 112179         | 172496        | 4.00%           | 0.426%        |
| 26        | 15.080      | 2036          | 2039        | 2044         | rVB2     | 41886          | 53424         | 1.24%           | 0.132%        |
| 27        | 15.457      | 2100          | 2103        | 2107         | rVB      | 76428          | 87348         | 2.02%           | 0.216%        |
| 28        | 15.651      | 2131          | 2136        | 2141         | rBV2     | 85873          | 143608        | 3.33%           | 0.354%        |
| 29        | 15.863      | 2169          | 2172        | 2176         | rVB      | 45415          | 61369         | 1.42%           | 0.151%        |
| 30        | 16.092      | 2206          | 2211        | 2219         | rVB2     | 323638         | 496213        | 11.49%          | 1.224%        |
| 31        | 16.322      | 2245          | 2250        | 2252         | rBV2     | 110474         | 172052        | 3.99%           | 0.425%        |
| 32        | 17.004      | 2363          | 2366        | 2372         | rVB3     | 41717          | 56715         | 1.31%           | 0.140%        |
| 33        | 17.110      | 2381          | 2384        | 2389         | rVV      | 94620          | 118908        | 2.75%           | 0.293%        |
| 34        | 17.169      | 2390          | 2394        | 2401         | rVB2     | 106622         | 167136        | 3.87%           | 0.412%        |
| 35        | 17.357      | 2419          | 2426        | 2430         | rBV      | 2883050        | 4264444       | 98.77%          | 10.522%       |
| 36        | 17.392      | 2430          | 2432        | 2439         | rVB      | 734987         | 960052        | 22.24%          | 2.369%        |

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 Sample : M2580-08 2X  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 18-B3(2-4)

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-BP052721.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 37 | 17.486 | 2444 | 2448 | 2454 | rVB  | 190553  | 270385  | 6.26%   | 0.667%  |
| 38 | 17.751 | 2491 | 2493 | 2500 | rVB  | 60801   | 97377   | 2.26%   | 0.240%  |
| 39 | 17.851 | 2506 | 2510 | 2518 | rVB2 | 96083   | 142865  | 3.31%   | 0.352%  |
| 40 | 18.216 | 2569 | 2572 | 2576 | rBV  | 102905  | 153414  | 3.55%   | 0.379%  |
| 41 | 18.263 | 2577 | 2580 | 2584 | rVB  | 131158  | 163232  | 3.78%   | 0.403%  |
| 42 | 18.404 | 2599 | 2604 | 2607 | rBV2 | 145853  | 259428  | 6.01%   | 0.640%  |
| 43 | 18.516 | 2620 | 2623 | 2626 | rBV  | 99004   | 110579  | 2.56%   | 0.273%  |
| 44 | 18.698 | 2651 | 2654 | 2657 | rVB  | 82422   | 88954   | 2.06%   | 0.219%  |
| 45 | 19.351 | 2761 | 2765 | 2771 | rBV  | 1457436 | 1820617 | 42.17%  | 4.492%  |
| 46 | 19.704 | 2818 | 2825 | 2833 | rVB  | 1202055 | 1809763 | 41.92%  | 4.465%  |
| 47 | 19.892 | 2853 | 2857 | 2862 | rVB  | 2499579 | 2981496 | 69.06%  | 7.356%  |
| 48 | 21.421 | 3112 | 3117 | 3121 | rBV2 | 3073625 | 4317428 | 100.00% | 10.653% |
| 49 | 23.868 | 3528 | 3533 | 3540 | rVB2 | 2053774 | 4204910 | 97.39%  | 10.375% |

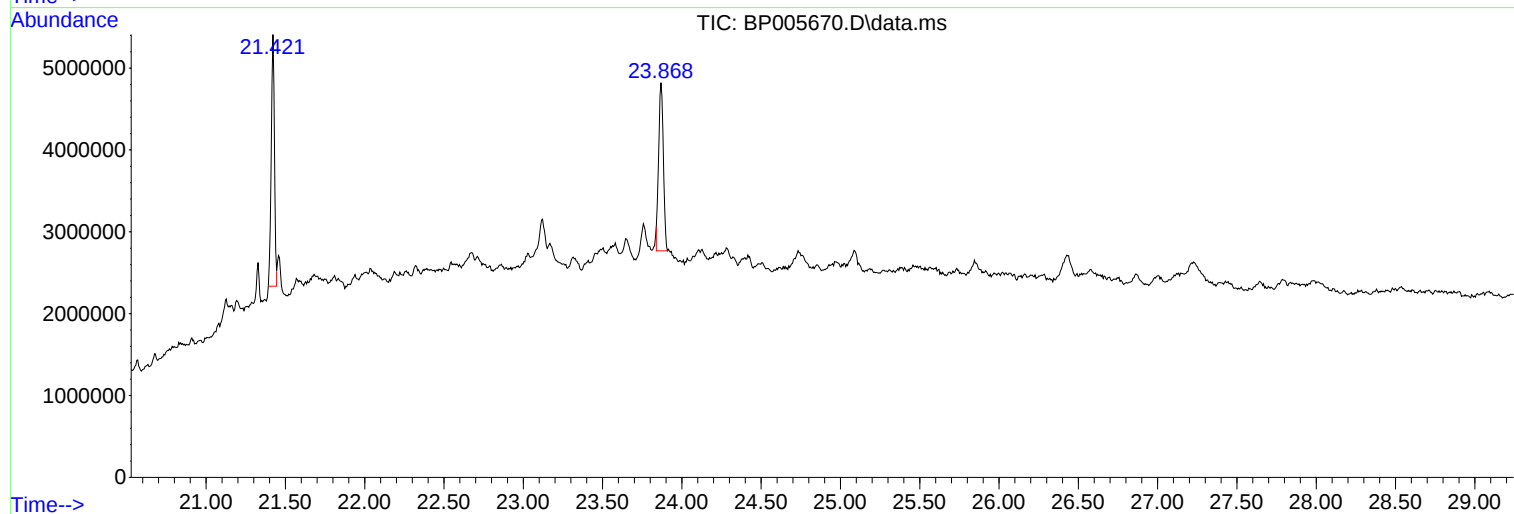
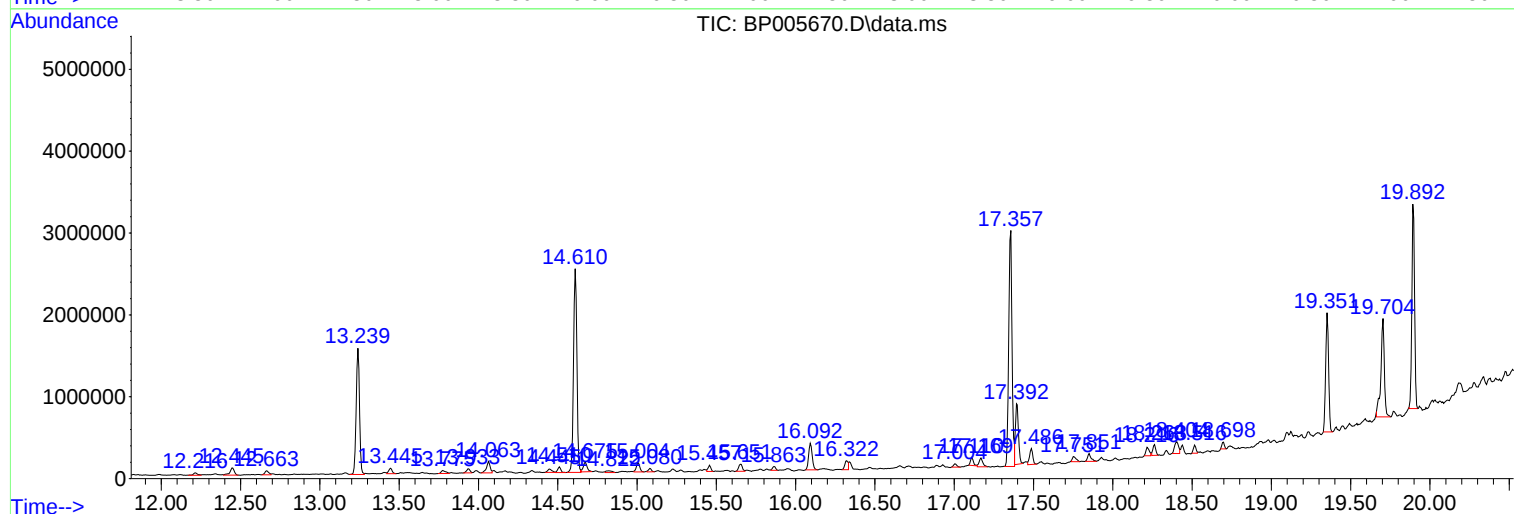
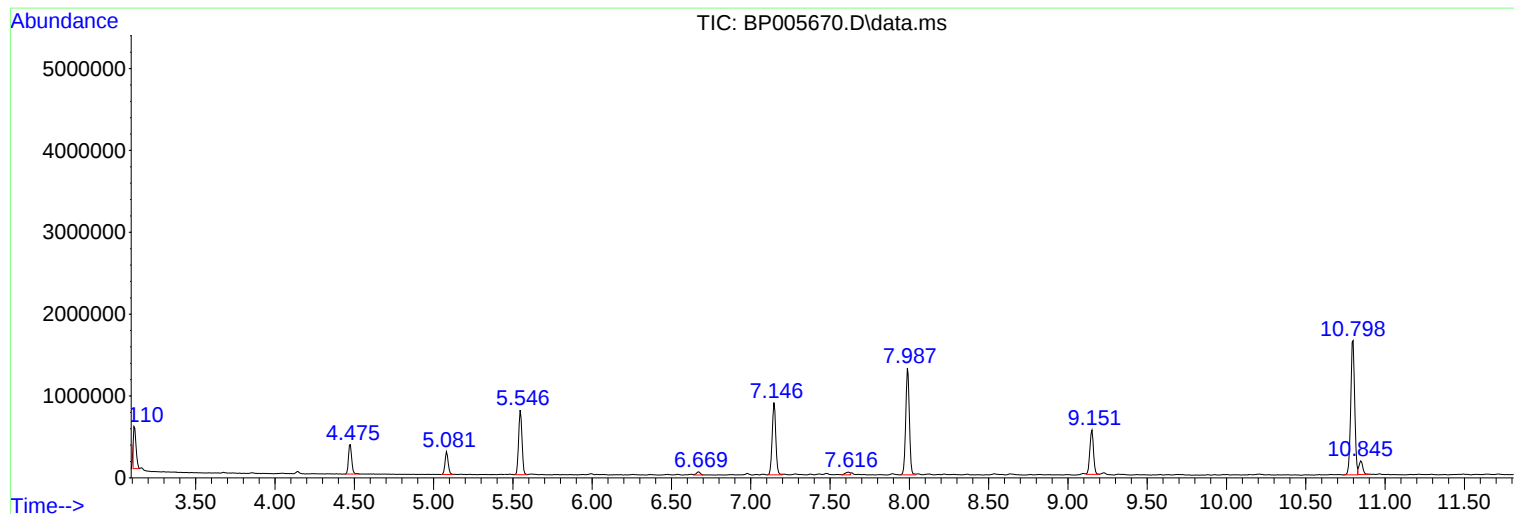
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060221\  
Data File : BP005670.D  
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Sample : M2580-08 2X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
18-B3(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP060221\  
Data File : BP005670.D  
Acq On : 02 Jun 2021 17:48  
Operator : CG/JU  
Sample : M2580-08 2X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
18-B3(2-4)

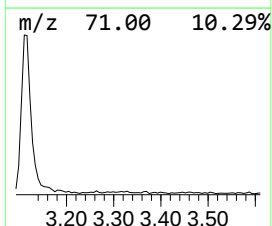
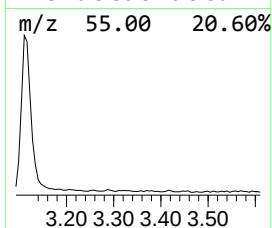
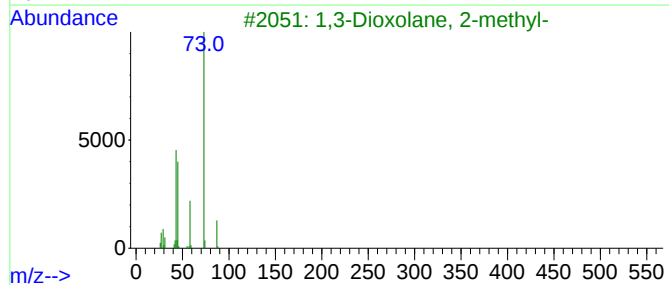
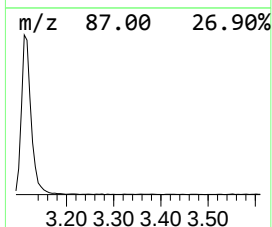
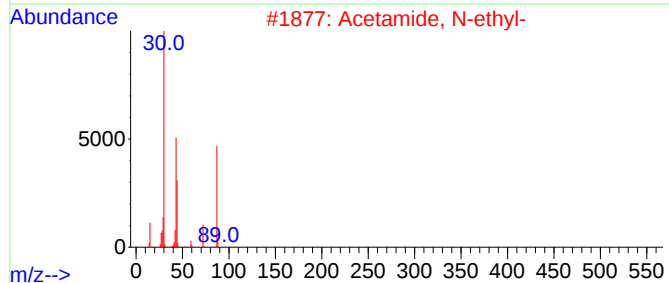
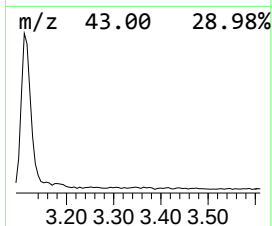
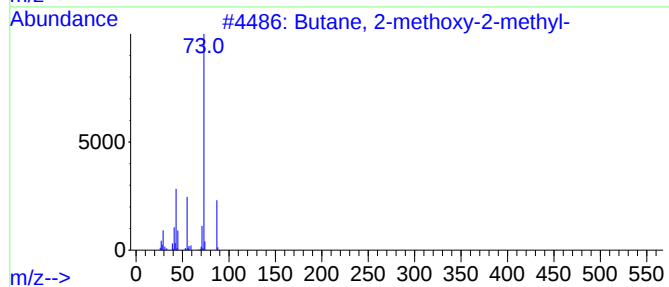
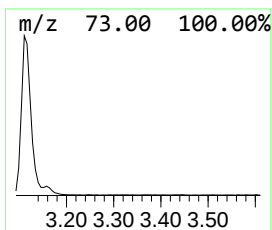
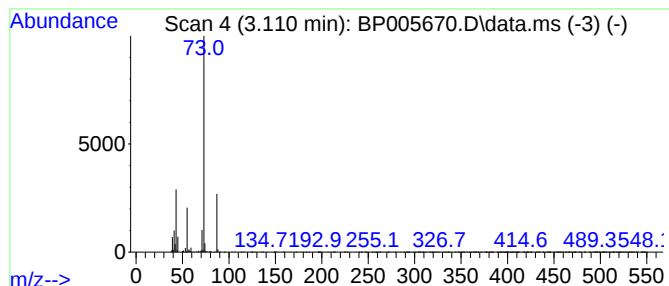
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 3.110 | 5.18 ng | 542212 | 1,4-Dichlorobenzene-d4 | 7.987 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 9    |
| 3    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |
| 4    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 9    |
| 5    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |



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Sample : M2580-08 2X  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
18-B3(2-4)

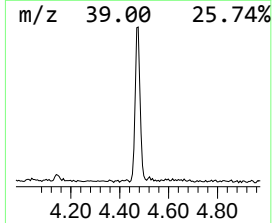
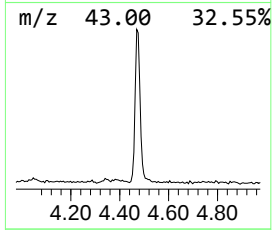
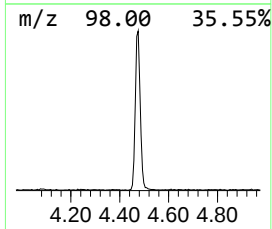
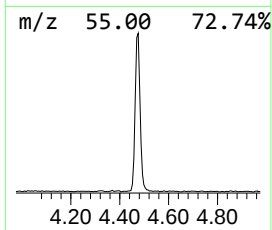
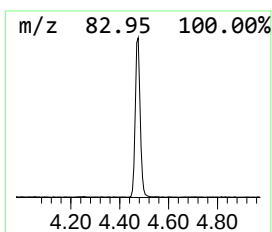
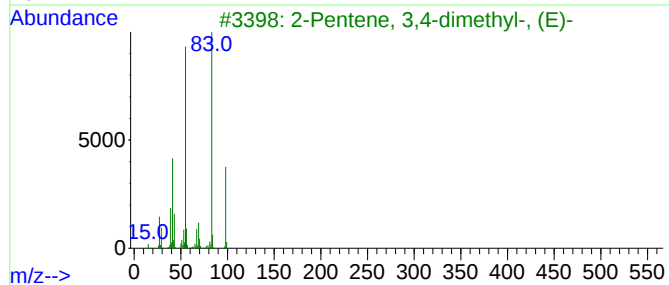
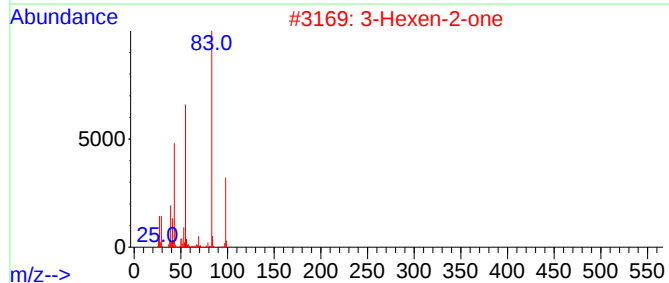
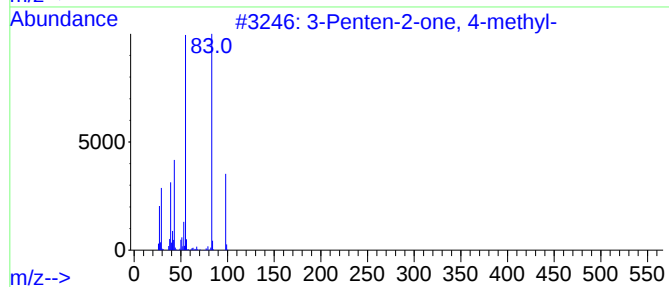
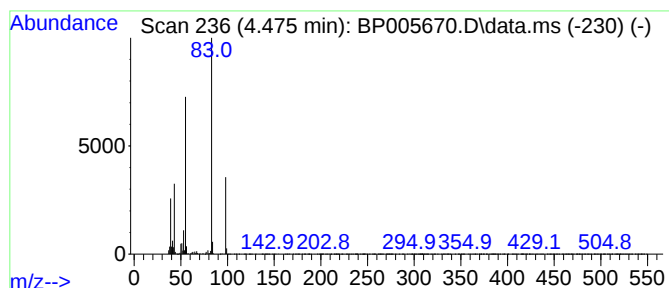
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 2

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.475 | 4.92 ng | 515407 | 1,4-Dichlorobenzene-d4 | 7.987 |

| Hit# | of | 5 | Tentative ID                   | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|----|---------|-------------|------|
| 1    |    |   | 3-Penten-2-one, 4-methyl-      | 98 | C6H10O  | 000141-79-7 | 91   |
| 2    |    |   | 3-Hexen-2-one                  | 98 | C6H10O  | 000763-93-9 | 91   |
| 3    |    |   | 2-Pentene, 3,4-dimethyl-, (E)- | 98 | C7H14   | 004914-92-5 | 86   |
| 4    |    |   | 2-Pentene, 3,4-dimethyl-, (Z)- | 98 | C7H14   | 004914-91-4 | 86   |
| 5    |    |   | Furan, 2-methoxy-              | 98 | C5H6O2  | 025414-22-6 | 78   |



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Instrument :  
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ClientSampleId :  
18-B3(2-4)

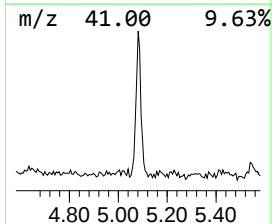
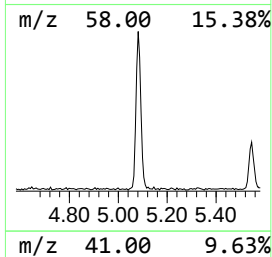
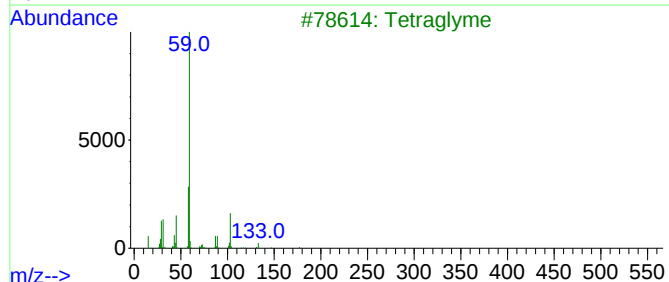
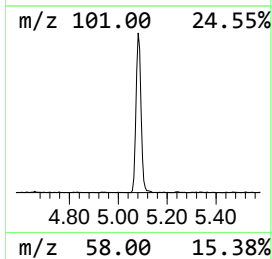
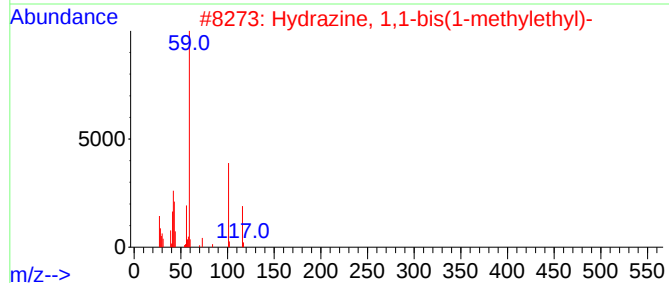
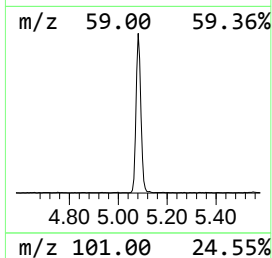
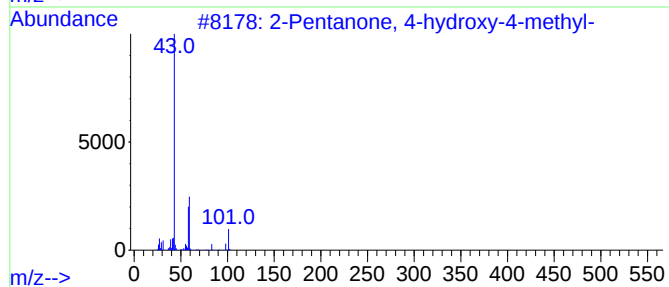
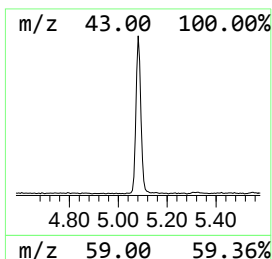
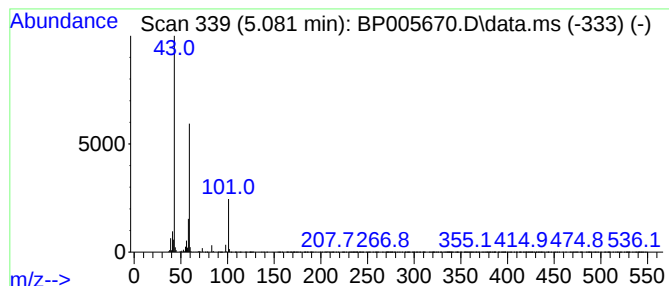
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 5.081 | 3.74 ng | 391473 | 1,4-Dichlorobenzene-d4 | 7.987 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 64   |
| 2    |    |   | Hydrazine, 1,1-bis(1-methylethyl)-  | 116 | C6H16N2  | 000921-14-2 | 38   |
| 3    |    |   | Tetraglyme                          | 222 | C10H22O5 | 000143-24-8 | 25   |
| 4    |    |   | 1,3-Dioxolane-2-methanol, 2,4-di... | 132 | C6H12O3  | 053951-43-2 | 25   |
| 5    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25   |



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BNA\_P  
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18-B3(2-4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP052721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|--------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                    |       |         |       |          | #                     | RT    | Resp    | Conc |
| Butane, 2-metho... | 3.110 | 5.2     | ng    | 542212   | 1                     | 7.987 | 2093100 | 20.0 |
| 3-Penten-2-one,... | 4.475 | 4.9     | ng    | 515407   | 1                     | 7.987 | 2093100 | 20.0 |
| 2-Pentanone, 4-... | 5.081 | 3.7     | ng    | 391473   | 1                     | 7.987 | 2093100 | 20.0 |