

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082025\  
 Data File : BP025531.D  
 Acq On : 21 Aug 2025 08:44  
 Operator : CG/JU  
 Sample : Q2873-01  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DRILL CUTTING 1-3 COMP

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-BP081425.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025531.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         | 3.037       | 13            | 17          | 29           | rVB      | 1220792        | 1490536       | 19.10%          | 3.340%        |
| 2         | 4.943       | 335           | 341         | 352          | rVB      | 261189         | 373361        | 4.78%           | 0.837%        |
| 3         | 5.408       | 412           | 420         | 432          | rBV      | 2492056        | 3736146       | 47.88%          | 8.373%        |
| 4         | 6.966       | 677           | 685         | 699          | rBV      | 2401784        | 3949522       | 50.61%          | 8.851%        |
| 5         | 7.784       | 817           | 824         | 841          | rVB      | 673110         | 1094777       | 14.03%          | 2.453%        |
| 6         | 8.925       | 1010          | 1018        | 1030         | rBV      | 1486086        | 2639905       | 33.83%          | 5.916%        |
| 7         | 10.554      | 1286          | 1295        | 1309         | rBV      | 880789         | 1484436       | 19.02%          | 3.327%        |
| 8         | 13.013      | 1705          | 1713        | 1731         | rBV      | 3893644        | 5647110       | 72.37%          | 12.655%       |
| 9         | 14.395      | 1941          | 1948        | 1956         | rBV      | 1323061        | 1891937       | 24.25%          | 4.240%        |
| 10        | 15.784      | 2176          | 2184        | 2190         | rBV      | 367928         | 532355        | 6.82%           | 1.193%        |
| 11        | 15.919      | 2199          | 2207        | 2227         | rBV      | 2901671        | 4516651       | 57.88%          | 10.122%       |
| 12        | 17.201      | 2419          | 2425        | 2431         | rBV2     | 1347895        | 2193710       | 28.11%          | 4.916%        |
| 13        | 18.142      | 2580          | 2585        | 2595         | rBV      | 535275         | 732371        | 9.39%           | 1.641%        |
| 14        | 19.330      | 2782          | 2787        | 2794         | rBV      | 77134          | 136223        | 1.75%           | 0.305%        |
| 15        | 19.466      | 2806          | 2810        | 2817         | rBV      | 162053         | 239913        | 3.07%           | 0.538%        |
| 16        | 19.707      | 2847          | 2851        | 2856         | rVB2     | 60964          | 90554         | 1.16%           | 0.203%        |
| 17        | 19.919      | 2882          | 2887        | 2893         | rBV      | 6616150        | 7803399       | 100.00%         | 17.488%       |
| 18        | 21.307      | 3119          | 3123        | 3135         | rBV2     | 343631         | 701479        | 8.99%           | 1.572%        |
| 19        | 21.636      | 3173          | 3179        | 3187         | rBV      | 1318278        | 2675805       | 34.29%          | 5.997%        |
| 20        | 25.012      | 3745          | 3753        | 3766         | rVB2     | 837175         | 2692350       | 34.50%          | 6.034%        |

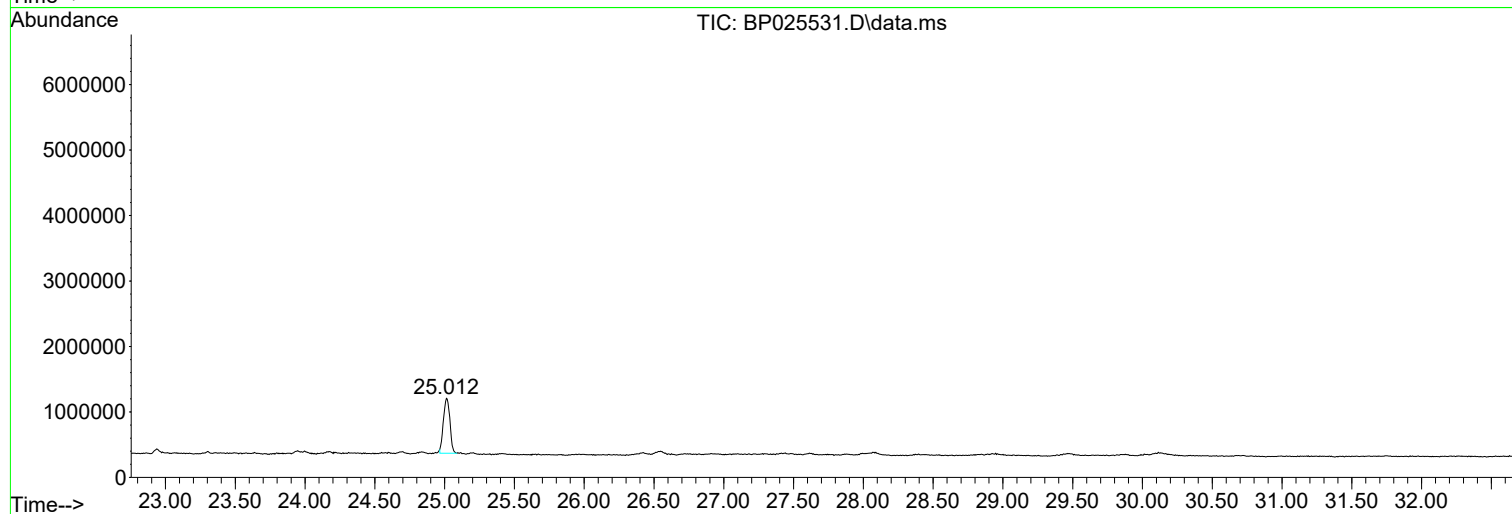
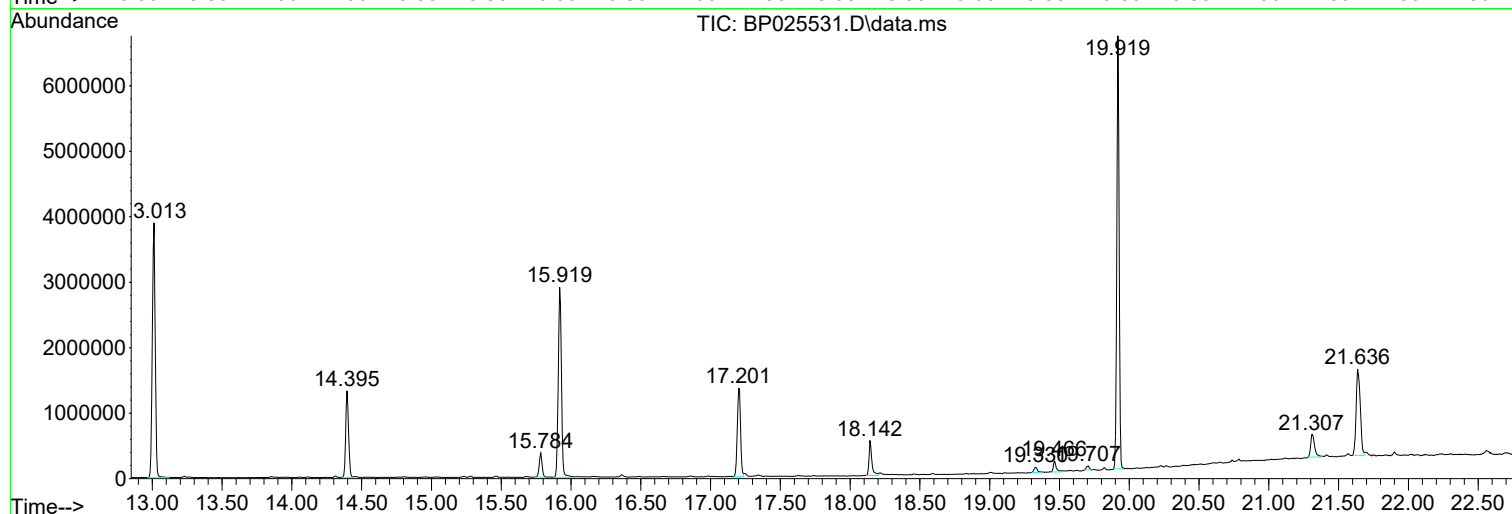
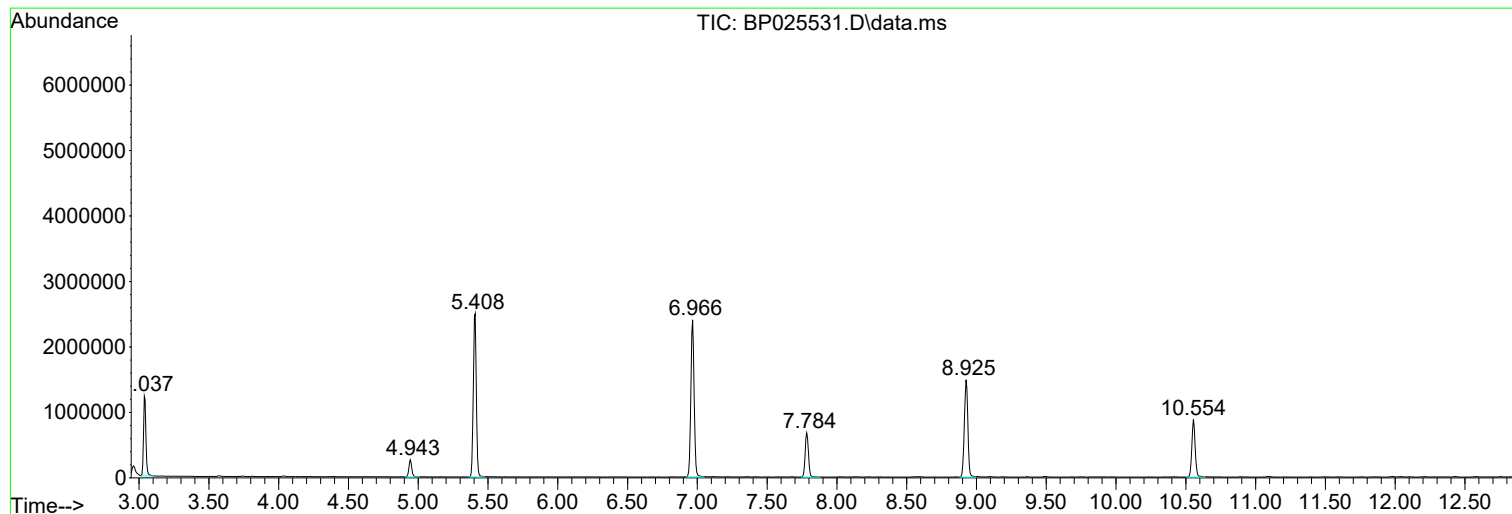
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ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DRILL CUTTING 1-3 COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.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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DRILL CUTTING 1-3 COMP

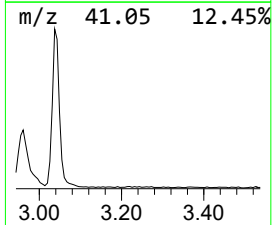
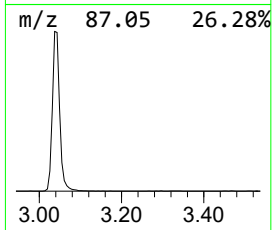
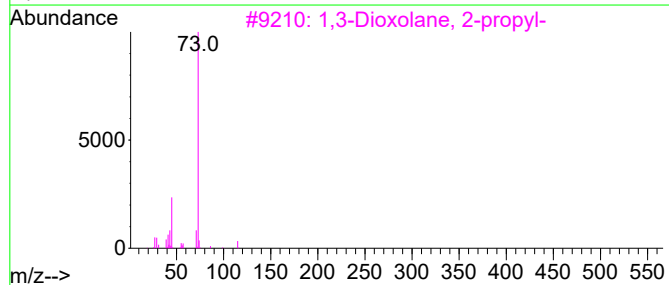
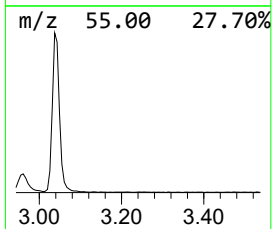
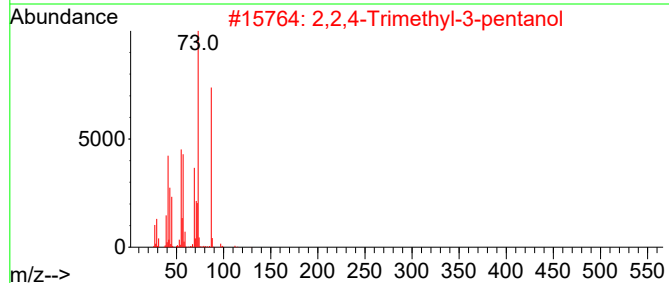
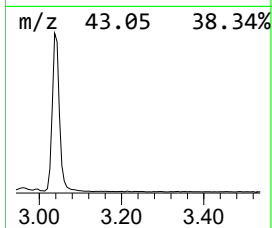
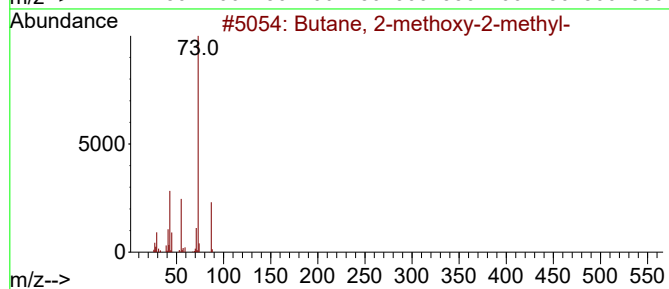
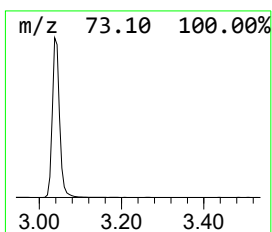
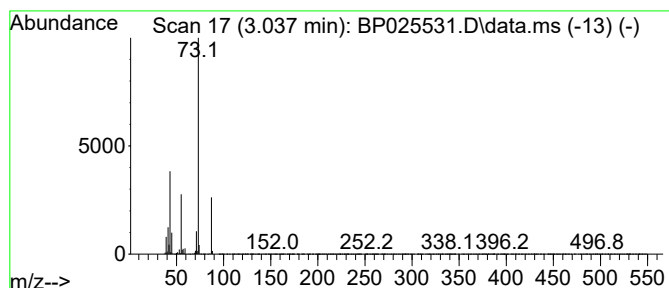
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.  |
|-------|----------|---------|------------------------|-------|
| 3.037 | 27.23 ng | 1490540 | 1,4-Dichlorobenzene-d4 | 7.784 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 3    |    |   | 1,3-Dioxolane, 2-propyl-    | 116 | C6H12O2 | 003390-13-4 | 23   |
| 4    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 22   |
| 5    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |



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DRILL CUTTING 1-3 COMP

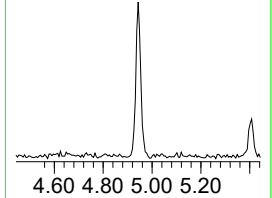
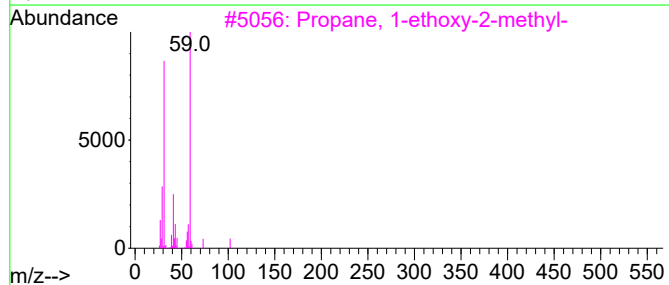
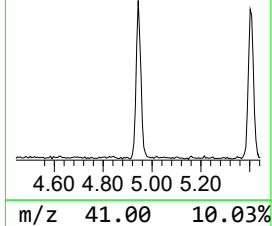
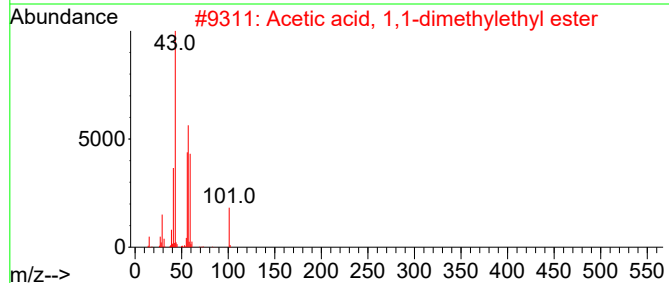
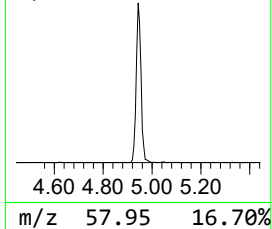
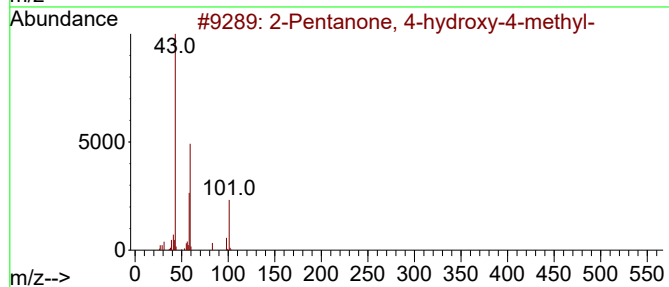
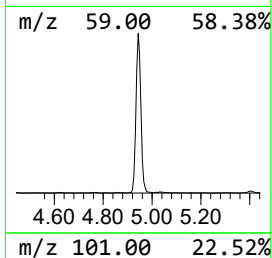
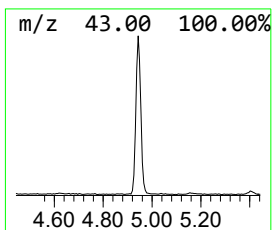
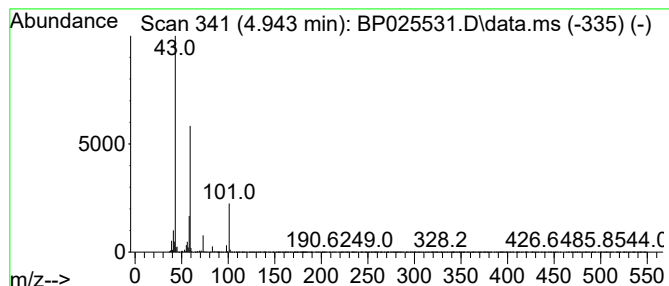
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.943 | 6.82 ng | 373361 | 1,4-Dichlorobenzene-d4 | 7.784 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2 | 000123-42-2 | 47   |
| 2    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2 | 000540-88-5 | 38   |
| 3    |    |   | Propane, 1-ethoxy-2-methyl-         | 102 | C6H14O  | 000627-02-1 | 17   |
| 4    |    |   | Propanoic acid, 2-hydroxy-2-methyl- | 104 | C4H8O3  | 000594-61-6 | 17   |
| 5    |    |   | 1-Propen-2-ol, acetate              | 100 | C5H8O2  | 000108-22-5 | 10   |



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ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DRILL CUTTING 1-3 COMP

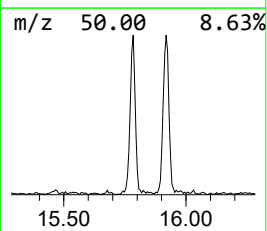
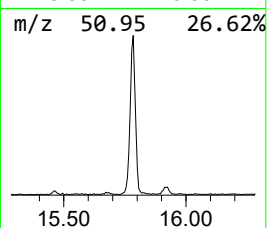
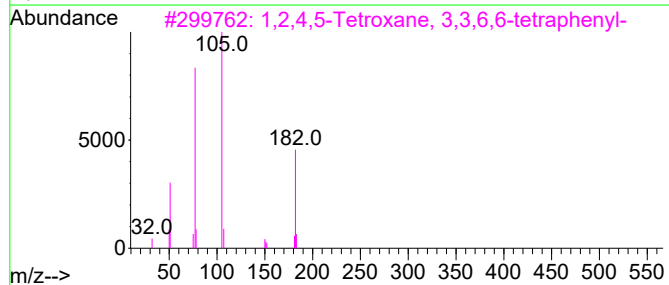
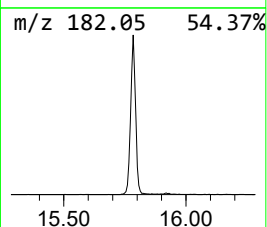
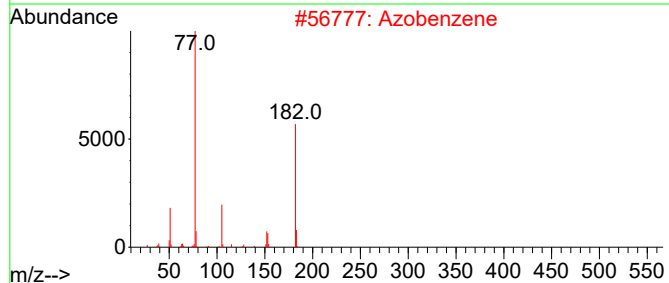
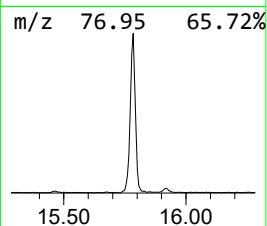
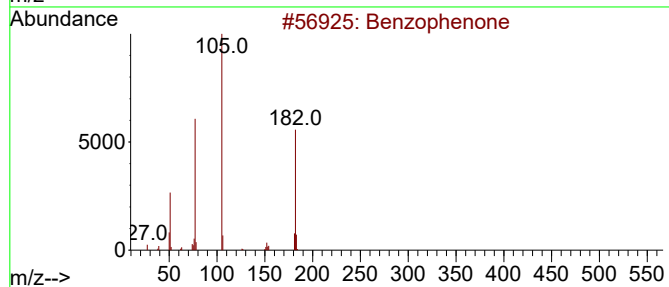
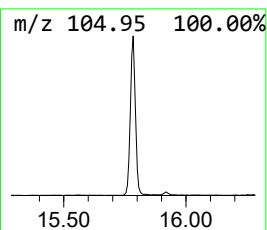
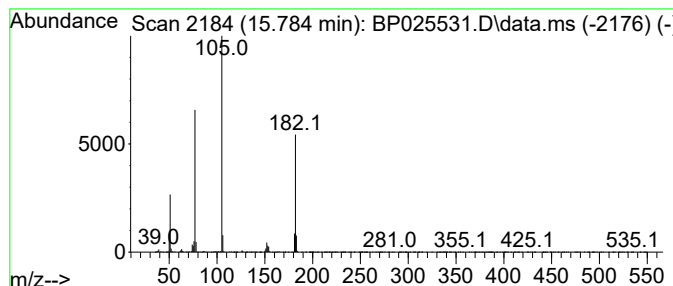
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Benzophenone Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.784 | 5.63 ng | 532355 | Acenaphthene-d10 | 14.395 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 96   |
| 2    |    |   | Azobenzene                          | 182 | C12H10N2 | 000103-33-3 | 72   |
| 3    |    |   | 1,2,4,5-Tetroxane, 3,3,6,6-tetra... | 396 | C26H20O4 | 016204-36-7 | 64   |
| 4    |    |   | Methanone, phenyl-2-pyridinyl-      | 183 | C12H9NO  | 000091-02-1 | 56   |
| 5    |    |   | Benzenamine, N-(3-pyridinylmethy... | 182 | C12H10N2 | 029722-97-2 | 45   |



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DRILL CUTTING 1-3 COMP

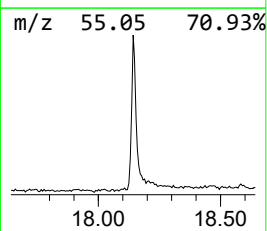
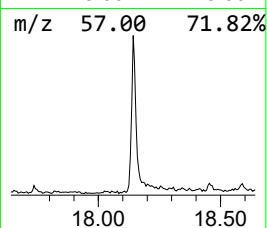
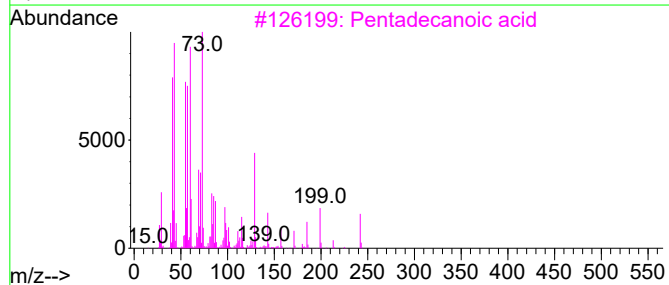
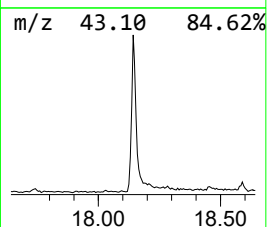
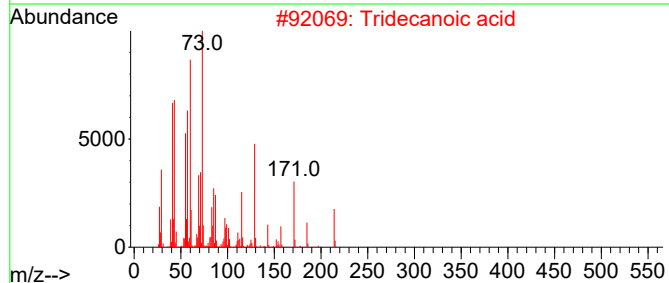
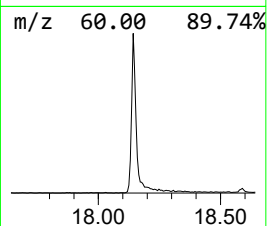
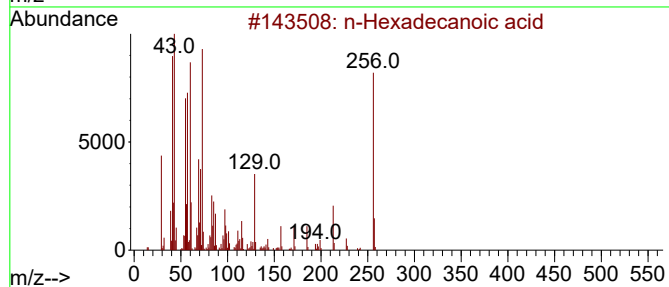
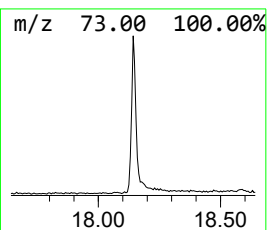
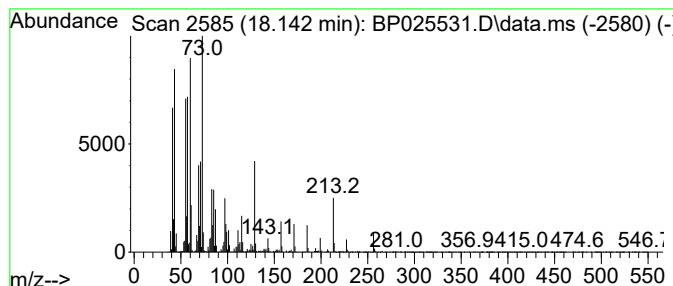
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
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TIC Library : C:\Database\NIST20.L  
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.142 | 6.68 ng | 732371 | Phenanthrene-d10 | 17.201 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 95   |
| 3    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 93   |
| 4    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 91   |
| 5    |    |   | n-Decanoic acid     | 172 | C10H20O2 | 000334-48-5 | 76   |



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DRILL CUTTING 1-3 COMP

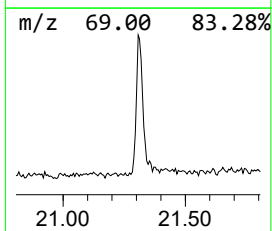
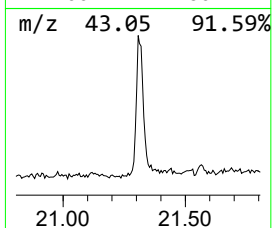
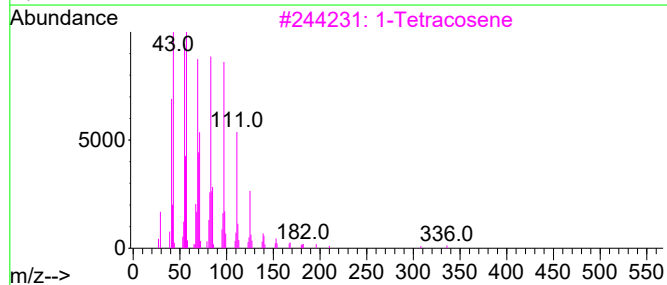
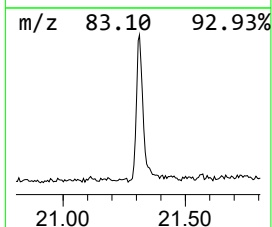
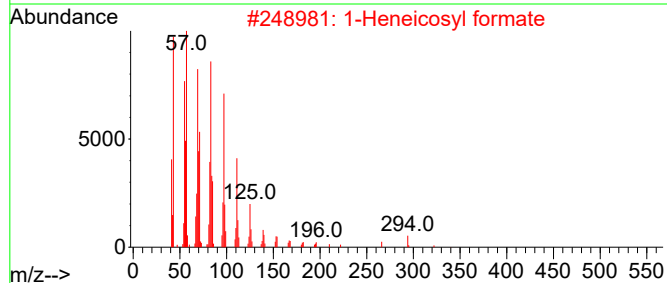
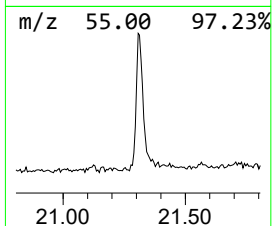
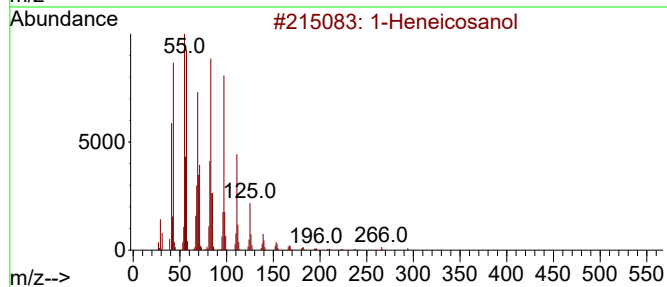
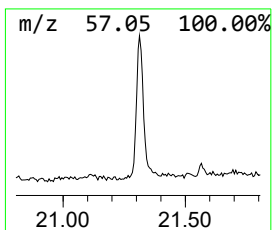
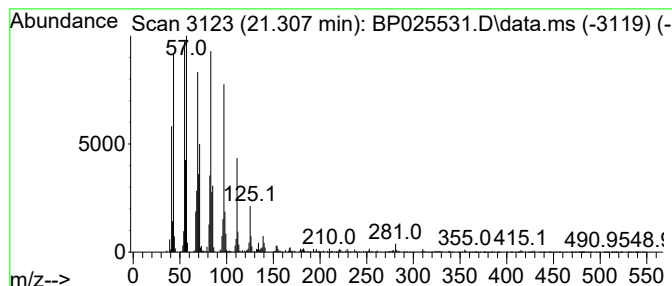
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Peak Number 5 1-Heneicosanol Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.307 | 5.24 ng | 701479 | Chrysene-d12     | 21.636 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|------|-------------------------------------|-----|------------|-------------|------|
| 1    |      | 1-Heneicosanol                      | 312 | C21H44O    | 015594-90-8 | 95   |
| 2    |      | 1-Heneicosyl formate                | 340 | C22H44O2   | 077899-03-7 | 95   |
| 3    |      | 1-Tetracosene                       | 336 | C24H48     | 010192-32-2 | 94   |
| 4    |      | Behenic alcohol                     | 326 | C22H46O    | 000661-19-8 | 94   |
| 5    |      | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2 | 959261-23-5 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP082025\  
Data File : BP025531.D  
Acq On : 21 Aug 2025 08:44  
Operator : CG/JU  
Sample : Q2873-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DRILL CUTTING 1-3 COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.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... | 3.037  | 27.2    | ng    | 1490540  | 1                     | 7.784  | 1094780 | 20.0 |
| 2-Pentanone, 4-... | 4.943  | 6.8     | ng    | 373361   | 1                     | 7.784  | 1094780 | 20.0 |
| Benzophenone       | 15.784 | 5.6     | ng    | 532355   | 3                     | 14.395 | 1891940 | 20.0 |
| n-Hexadecanoic ... | 18.142 | 6.7     | ng    | 732371   | 4                     | 17.201 | 2193710 | 20.0 |
| 1-Heneicosanol     | 21.307 | 5.2     | ng    | 701479   | 5                     | 21.636 | 2675810 | 20.0 |