

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081925\  
 Data File : BP025494.D  
 Acq On : 20 Aug 2025 04:32  
 Operator : CG/JU  
 Sample : Q2871-07  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 DRILL CUTTING 1-5 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: BP025494.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          | 35           | rVB      | 762742         | 963270        | 15.83%          | 2.761%        |
| 2         | 4.943       | 336           | 341         | 349          | rBV      | 158351         | 232290        | 3.82%           | 0.666%        |
| 3         | 5.408       | 413           | 420         | 432          | rBV      | 1585319        | 2442959       | 40.15%          | 7.003%        |
| 4         | 6.966       | 677           | 685         | 699          | rBV      | 1553076        | 2549256       | 41.90%          | 7.308%        |
| 5         | 7.790       | 817           | 825         | 833          | rBV      | 559412         | 887798        | 14.59%          | 2.545%        |
| 6         | 8.925       | 1007          | 1018        | 1031         | rBV      | 1023394        | 1714052       | 28.17%          | 4.913%        |
| 7         | 10.560      | 1288          | 1296        | 1307         | rBV      | 687514         | 1236910       | 20.33%          | 3.546%        |
| 8         | 13.013      | 1706          | 1713        | 1734         | rBV      | 2484199        | 3850707       | 63.29%          | 11.038%       |
| 9         | 14.401      | 1940          | 1949        | 1961         | rBV      | 1192036        | 1751344       | 28.78%          | 5.020%        |
| 10        | 15.778      | 2176          | 2183        | 2191         | rBV      | 317060         | 451700        | 7.42%           | 1.295%        |
| 11        | 15.907      | 2198          | 2205        | 2221         | rBV      | 2306690        | 3440239       | 56.54%          | 9.862%        |
| 12        | 16.354      | 2272          | 2281        | 2292         | rBV      | 50534          | 83668         | 1.38%           | 0.240%        |
| 13        | 17.195      | 2417          | 2424        | 2438         | rBV      | 1447052        | 2200742       | 36.17%          | 6.309%        |
| 14        | 18.130      | 2579          | 2583        | 2594         | rBV      | 345797         | 555875        | 9.14%           | 1.593%        |
| 15        | 19.330      | 2781          | 2787        | 2792         | rBV5     | 33122          | 84492         | 1.39%           | 0.242%        |
| 16        | 19.460      | 2805          | 2809        | 2816         | rBV      | 105662         | 176107        | 2.89%           | 0.505%        |
| 17        | 19.919      | 2881          | 2887        | 2896         | rBV      | 4602953        | 6084497       | 100.00%         | 17.442%       |
| 18        | 20.789      | 3032          | 3035        | 3038         | rBV      | 79259          | 81994         | 1.35%           | 0.235%        |
| 19        | 21.318      | 3120          | 3125        | 3134         | rBV2     | 328001         | 720036        | 11.83%          | 2.064%        |
| 20        | 21.642      | 3174          | 3180        | 3187         | rBV2     | 1573436        | 2563808       | 42.14%          | 7.349%        |
| 21        | 21.907      | 3222          | 3225        | 3231         | rVB2     | 99717          | 141291        | 2.32%           | 0.405%        |
| 22        | 25.012      | 3745          | 3753        | 3768         | rVB      | 950968         | 2672032       | 43.92%          | 7.660%        |

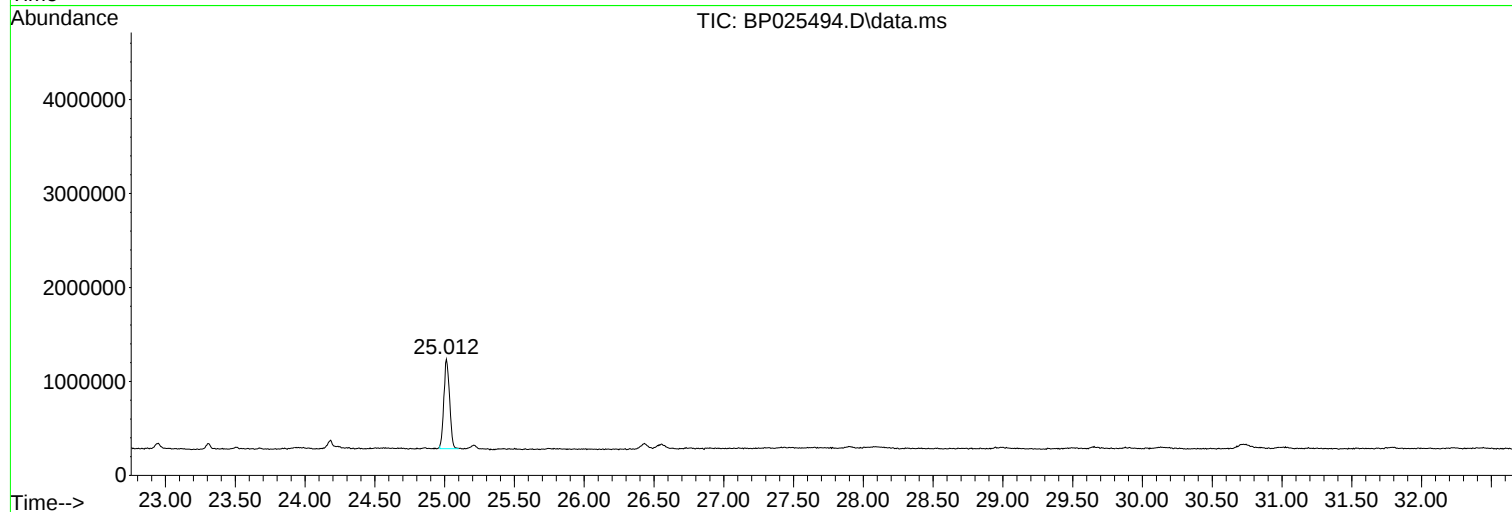
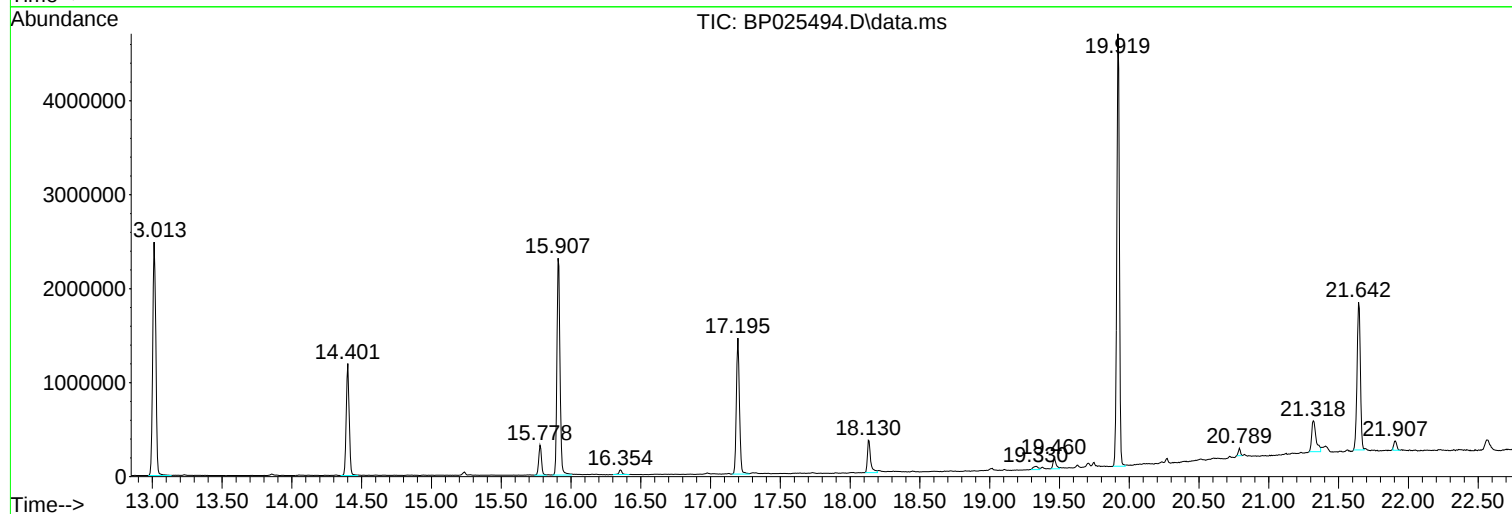
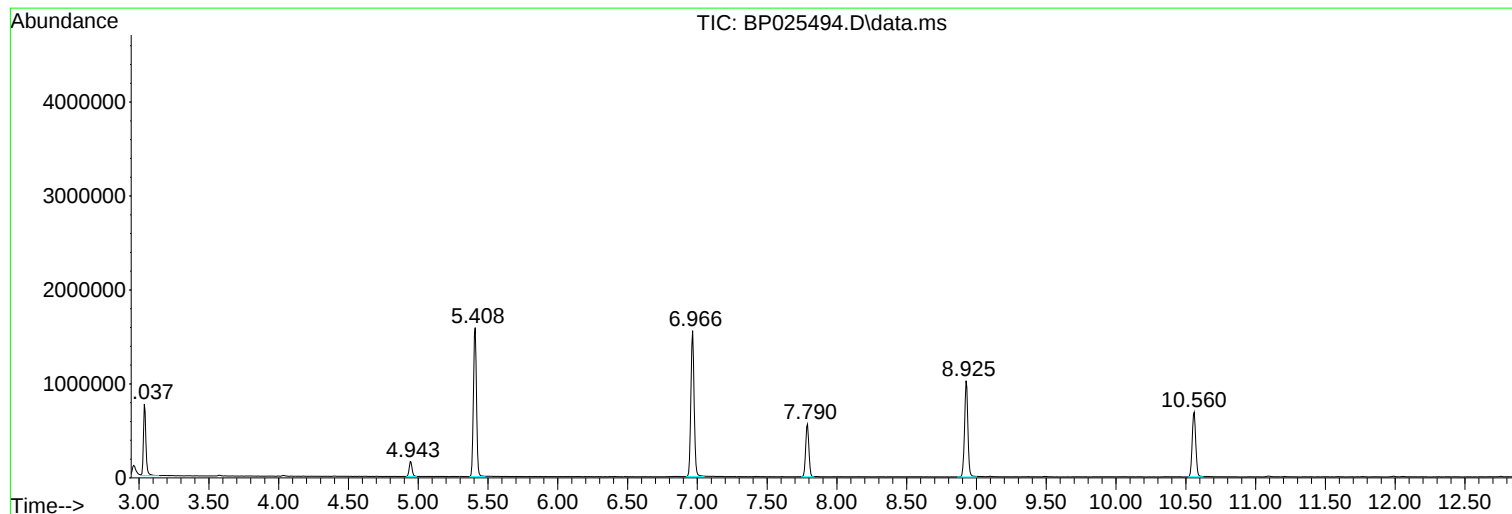
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ALS Vial : 25 Sample Multiplier: 1

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BNA\_P  
ClientSampleId :  
DRILL CUTTING 1-5 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 1-5 COMP

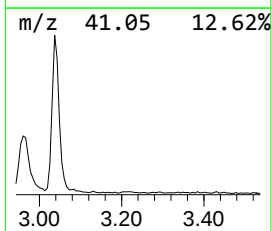
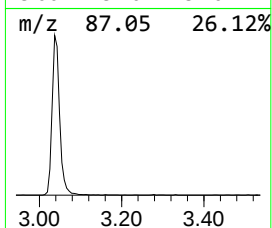
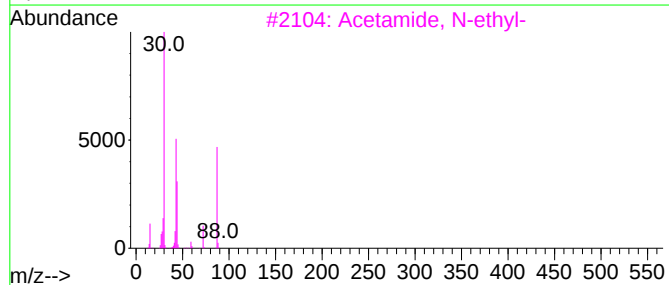
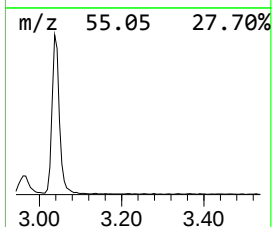
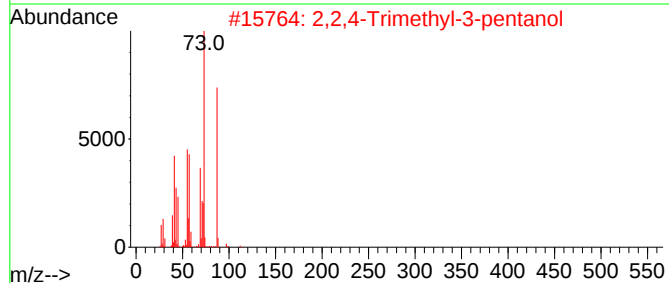
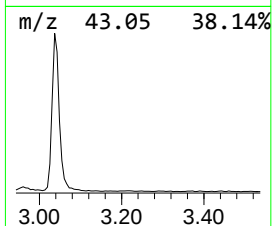
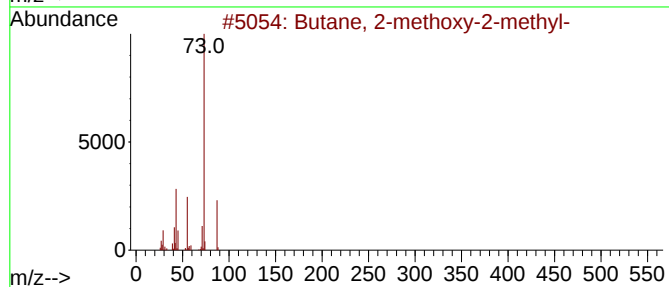
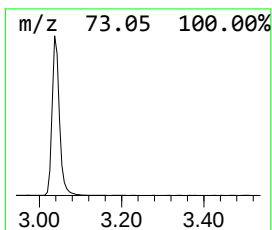
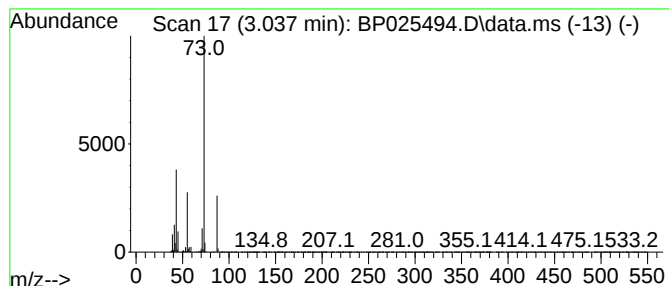
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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 | 21.70 ng | 963270 | 1,4-Dichlorobenzene-d4 | 7.790 |

| 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 | 39   |
| 3    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 27   |
| 4    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |
| 5    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 9    |



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DRILL CUTTING 1-5 COMP

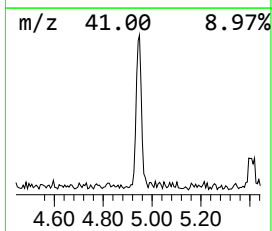
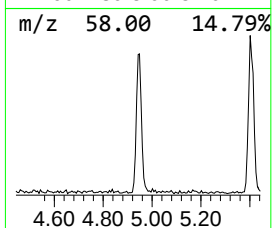
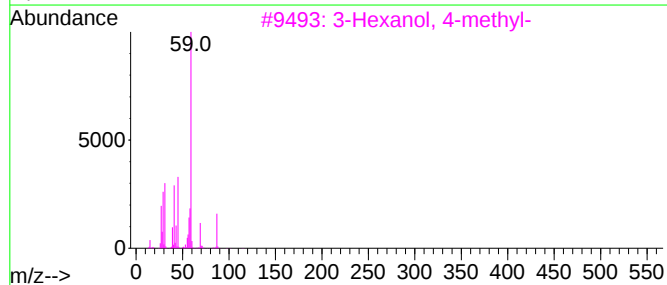
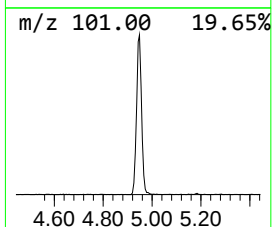
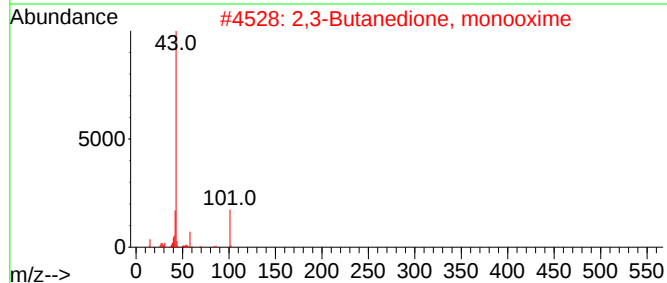
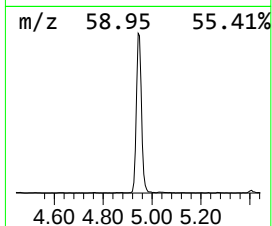
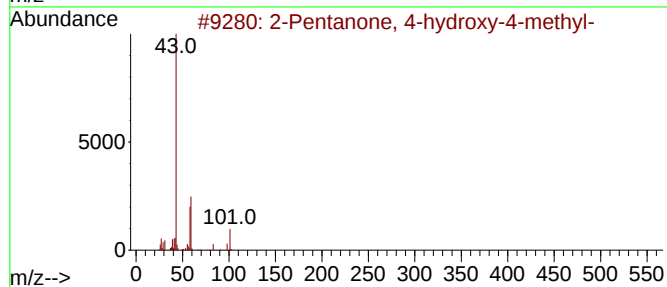
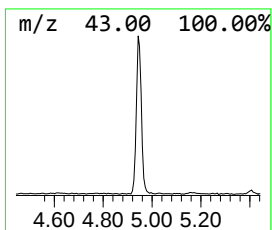
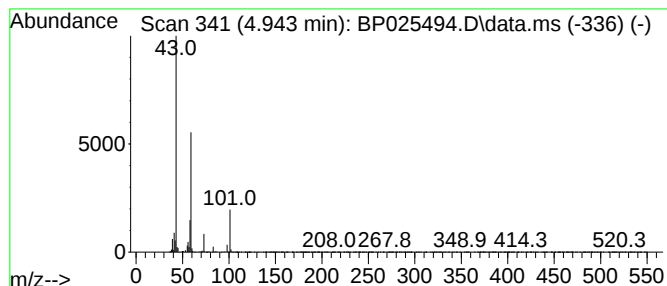
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP081425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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 3

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.943 | 5.23 ng | 232290 | 1,4-Dichlorobenzene-d4 | 7.790 |

| Hit# | of 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------------------|-----|---------|-------------|------|
| 1    |      | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2 | 000123-42-2 | 50   |
| 2    |      | 2,3-Butanedione, monooxime       | 101 | C4H7NO2 | 000057-71-6 | 25   |
| 3    |      | 3-Hexanol, 4-methyl-             | 116 | C7H16O  | 000615-29-2 | 23   |
| 4    |      | Propane, 1-ethoxy-2-methyl-      | 102 | C6H14O  | 000627-02-1 | 23   |
| 5    |      | 1-Propen-2-ol, acetate           | 100 | C5H8O2  | 000108-22-5 | 10   |



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Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DRILL CUTTING 1-5 COMP

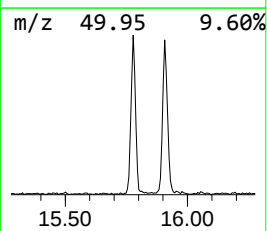
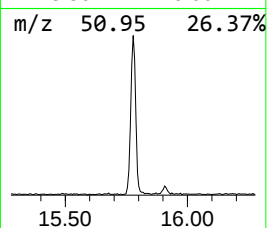
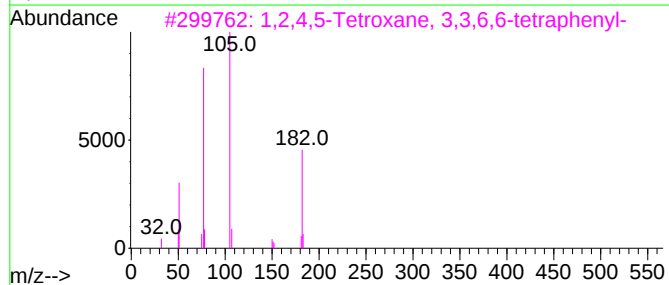
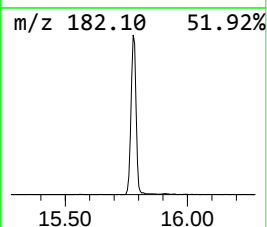
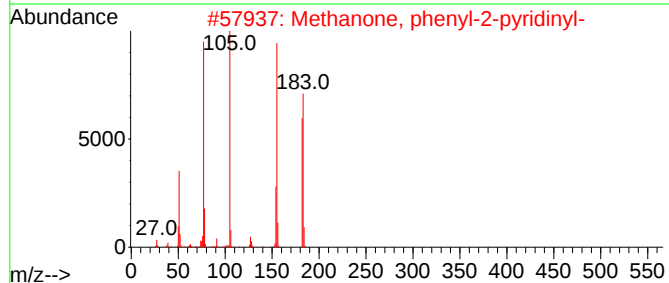
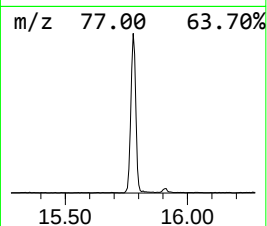
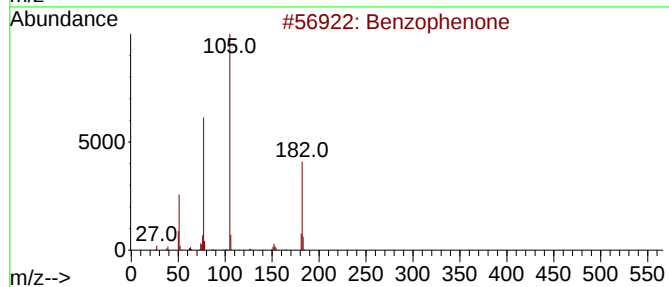
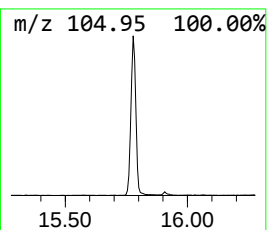
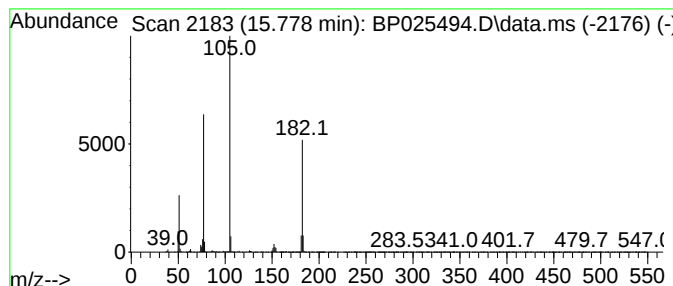
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Benzophenone Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.778 | 5.16 ng | 451700 | Acenaphthene-d10 | 14.401 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 96   |
| 2    |    |   | Methanone, phenyl-2-pyridinyl-      | 183 | C12H9NO  | 000091-02-1 | 78   |
| 3    |    |   | 1,2,4,5-Tetroxane, 3,3,6,6-tetra... | 396 | C26H20O4 | 016204-36-7 | 64   |
| 4    |    |   | 1,2,4-Trioxolane, 3,3,5-triphenyl-  | 304 | C20H16O3 | 023246-12-0 | 42   |
| 5    |    |   | Azobenzene                          | 182 | C12H10N2 | 000103-33-3 | 40   |



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DRILL CUTTING 1-5 COMP

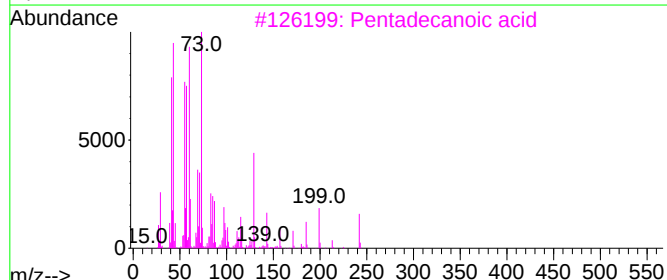
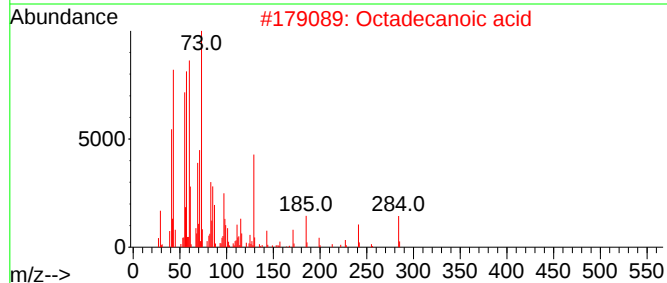
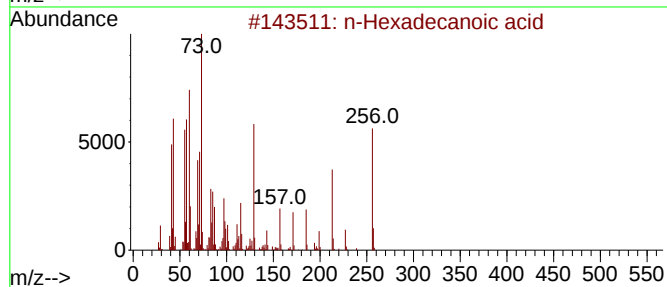
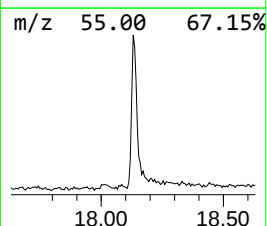
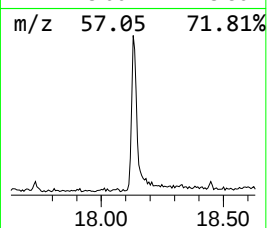
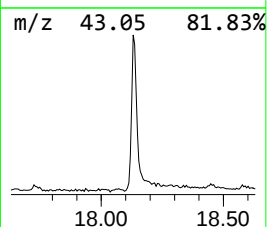
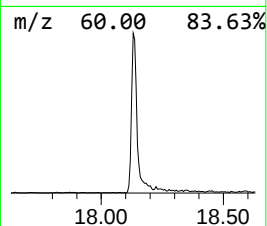
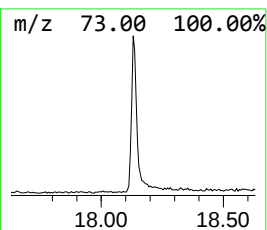
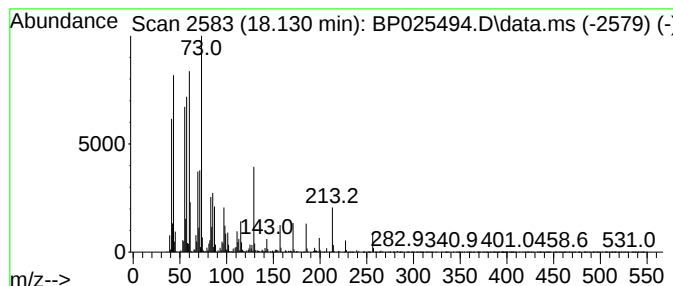
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\*\*\*\*\*  
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.130 | 5.05 ng | 555875 | Phenanthrene-d10 | 17.195 |

| Hit# | of 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|------|---------------------|-----|----------|-------------|------|
| 1    |      | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 99   |
| 2    |      | Octadecanoic acid   | 284 | C18H36O2 | 000057-11-4 | 93   |
| 3    |      | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 91   |
| 4    |      | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 80   |
| 5    |      | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 72   |



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DRILL CUTTING 1-5 COMP

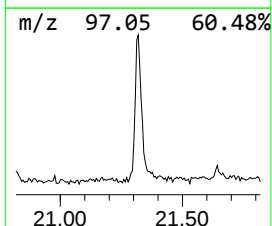
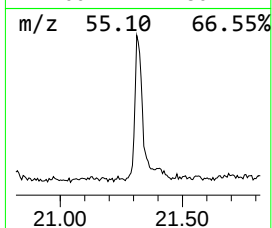
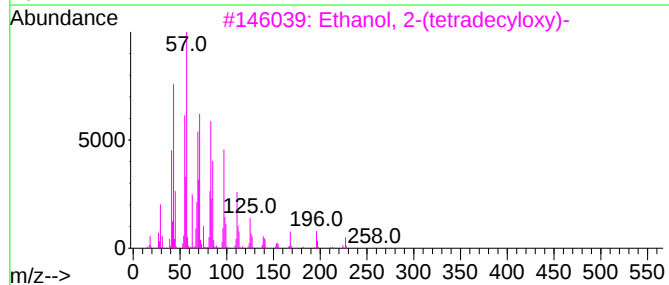
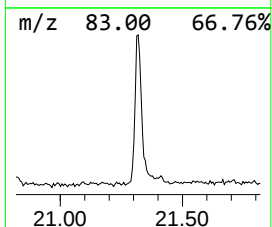
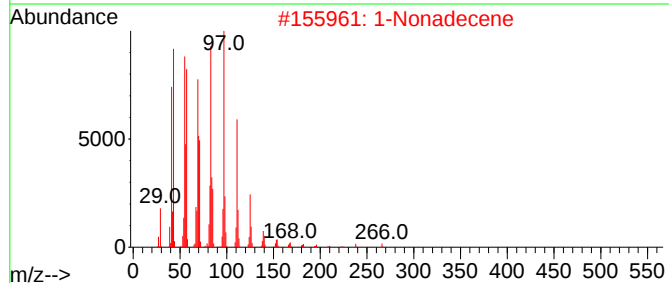
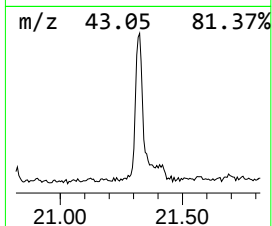
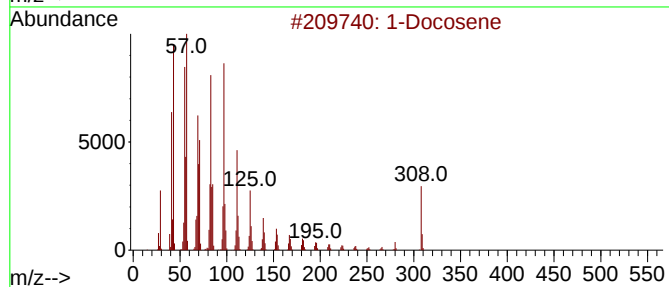
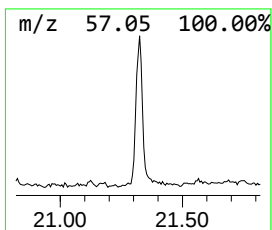
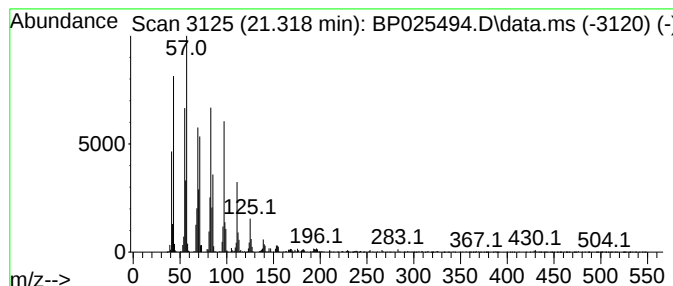
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Peak Number 5 1-Docosene Concentration Rank 2

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 21.319    | 5.62 ng                             | 720036 | Chrysene-d12     | 21.642       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | 1-Docosene                          | 308    | C22H44           | 001599-67-3  | 97   |
| 2         | 1-Nonadecene                        | 266    | C19H38           | 018435-45-5  | 97   |
| 3         | Ethanol, 2-(tetradecyloxy)-         | 258    | C16H34O2         | 002136-70-1  | 96   |
| 4         | Heptadecyl heptafluorobutyrate      | 452    | C21H35F7O2       | 959085-66-6  | 94   |
| 5         | Pentadecafluorooctanoic acid, oc... | 666    | C26H37F15O2      | 1000406-04-8 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP081925\  
Data File : BP025494.D  
Acq On : 20 Aug 2025 04:32  
Operator : CG/JU  
Sample : Q2871-07  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
DRILL CUTTING 1-5 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  | 21.7    | ng    | 963270   | 1                     | 7.790  | 887798  | 20.0 |
| 2-Pentanone, 4-... | 4.943  | 5.2     | ng    | 232290   | 1                     | 7.790  | 887798  | 20.0 |
| Benzophenone       | 15.778 | 5.2     | ng    | 451700   | 3                     | 14.401 | 1751340 | 20.0 |
| n-Hexadecanoic ... | 18.130 | 5.0     | ng    | 555875   | 4                     | 17.195 | 2200740 | 20.0 |
| 1-Docosene         | 21.319 | 5.6     | ng    | 720036   | 5                     | 21.642 | 2563810 | 20.0 |