

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG021023\  
 Data File : BG056609.D  
 Acq On : 10 Feb 2023 17:18  
 Operator : CG/JU  
 Sample : 01513-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 VNJ-208

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\_G\Methods\8270-BG012723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056609.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         | 5.239       | 325           | 332         | 339          | rVB      | 98517          | 147277        | 5.85%           | 1.404%        |
| 2         | 5.733       | 409           | 416         | 427          | rBV      | 399361         | 643638        | 25.57%          | 6.136%        |
| 3         | 7.366       | 686           | 694         | 708          | rBV      | 410833         | 710412        | 28.22%          | 6.773%        |
| 4         | 8.212       | 831           | 838         | 845          | rBB      | 89081          | 149380        | 5.93%           | 1.424%        |
| 5         | 9.387       | 1031          | 1038        | 1052         | rBB      | 242486         | 431398        | 17.14%          | 4.113%        |
| 6         | 11.044      | 1313          | 1320        | 1326         | rBV      | 128515         | 228837        | 9.09%           | 2.182%        |
| 7         | 13.465      | 1725          | 1732        | 1739         | rBV      | 989712         | 1497498       | 59.48%          | 14.277%       |
| 8         | 14.840      | 1959          | 1966        | 1972         | rBV      | 263945         | 401400        | 15.94%          | 3.827%        |
| 9         | 16.179      | 2188          | 2194        | 2200         | rVB      | 154613         | 219344        | 8.71%           | 2.091%        |
| 10        | 16.326      | 2212          | 2219        | 2230         | rBV      | 741140         | 1128834       | 44.84%          | 10.762%       |
| 11        | 17.578      | 2426          | 2432        | 2437         | rBV      | 362297         | 547469        | 21.75%          | 5.220%        |
| 12        | 17.619      | 2437          | 2439        | 2445         | rVB      | 29569          | 33992         | 1.35%           | 0.324%        |
| 13        | 18.436      | 2570          | 2578        | 2585         | rBV6     | 16000          | 35898         | 1.43%           | 0.342%        |
| 14        | 19.617      | 2774          | 2779        | 2785         | rVB      | 54553          | 71754         | 2.85%           | 0.684%        |
| 15        | 19.975      | 2836          | 2840        | 2846         | rVB      | 52007          | 69898         | 2.78%           | 0.666%        |
| 16        | 20.157      | 2865          | 2871        | 2876         | rBV      | 2019273        | 2517481       | 100.00%         | 24.002%       |
| 17        | 21.438      | 3085          | 3089        | 3097         | rVB9     | 29877          | 63540         | 2.52%           | 0.606%        |
| 18        | 21.691      | 3127          | 3132        | 3139         | rBV      | 88193          | 125924        | 5.00%           | 1.201%        |
| 19        | 21.849      | 3152          | 3159        | 3165         | rBV      | 358841         | 653137        | 25.94%          | 6.227%        |
| 20        | 21.896      | 3165          | 3167        | 3172         | rVB      | 27629          | 37348         | 1.48%           | 0.356%        |
| 21        | 24.152      | 3543          | 3551        | 3562         | rBV5     | 29975          | 117566        | 4.67%           | 1.121%        |
| 22        | 24.905      | 3674          | 3679        | 3688         | rVB3     | 17352          | 48347         | 1.92%           | 0.461%        |
| 23        | 25.222      | 3724          | 3733        | 3743         | rVB2     | 229726         | 608466        | 24.17%          | 5.801%        |

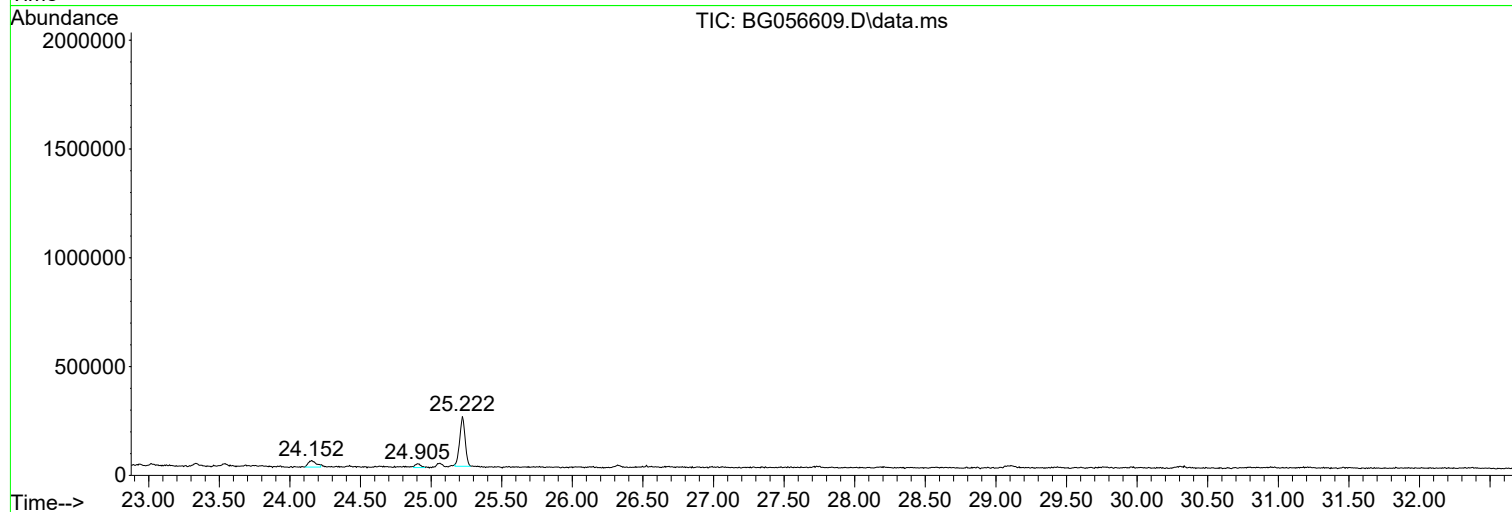
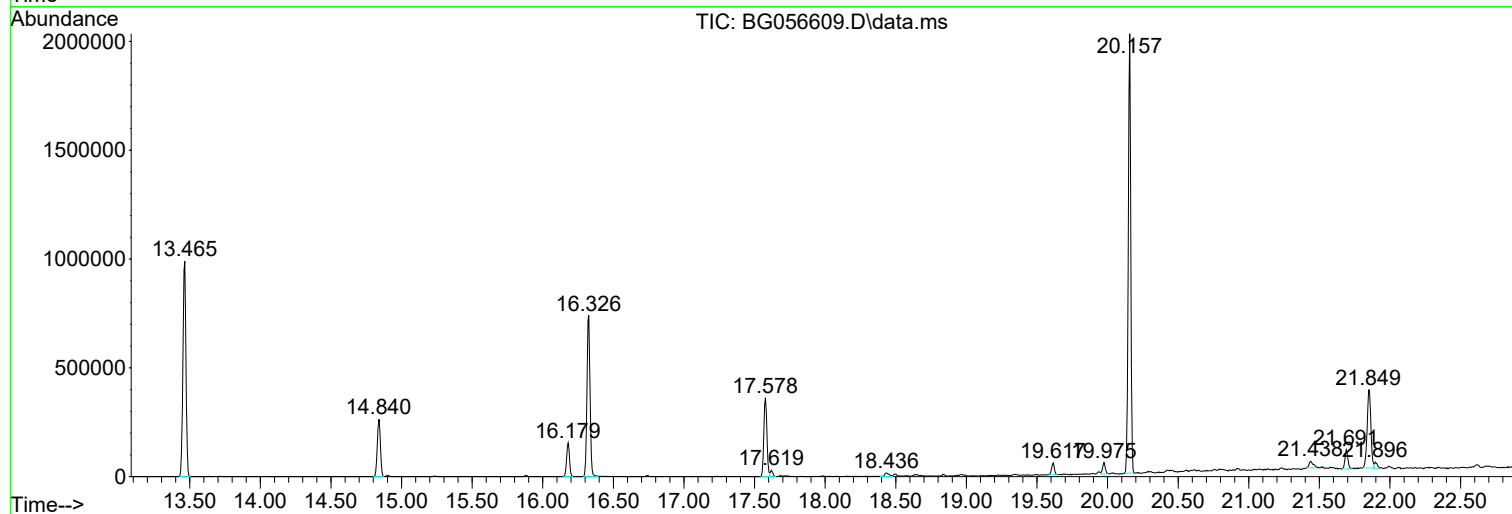
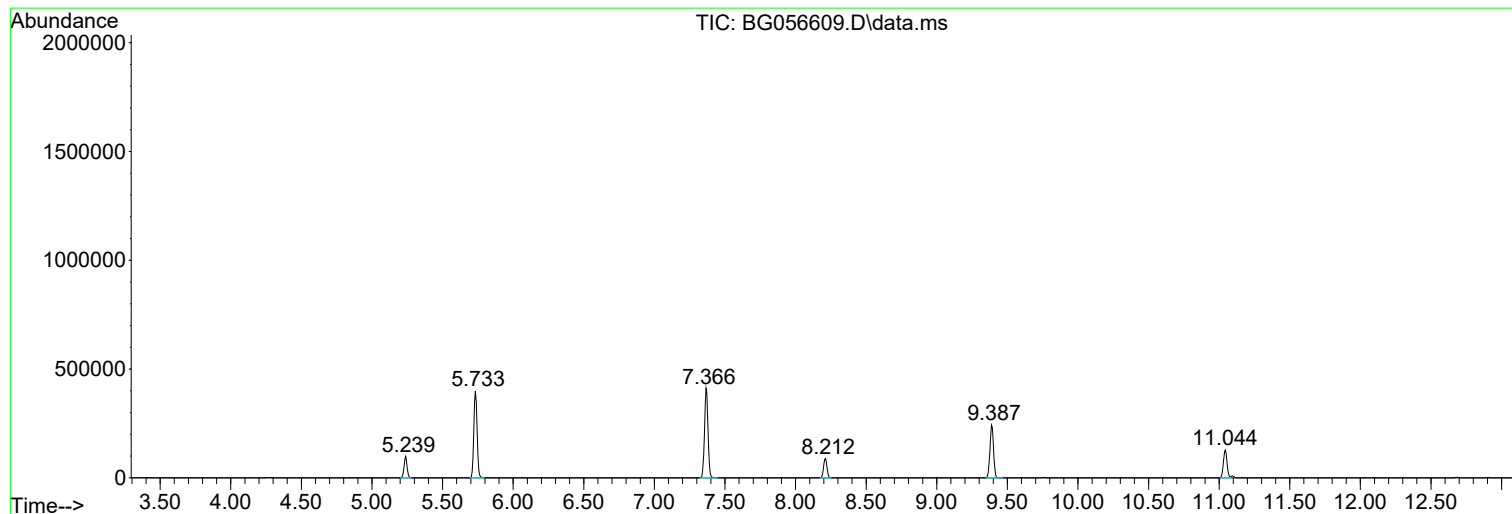
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ClientSampleId :  
VNJ-208

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.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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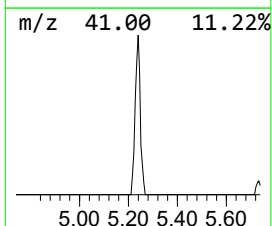
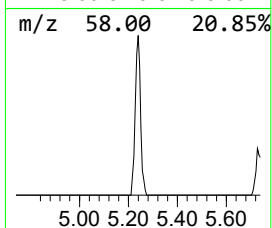
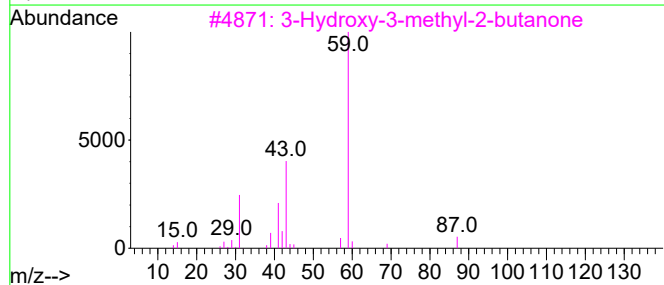
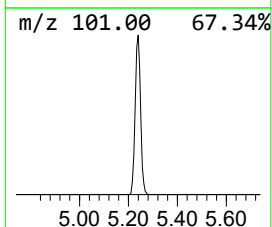
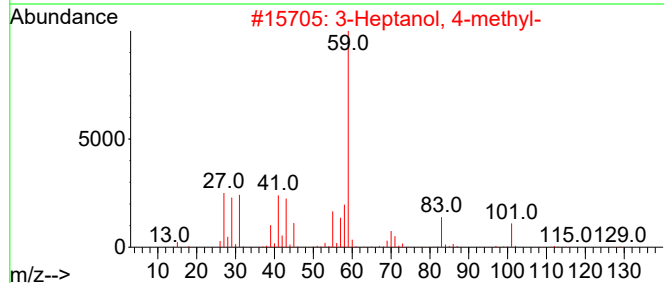
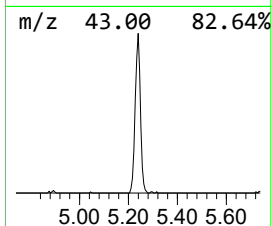
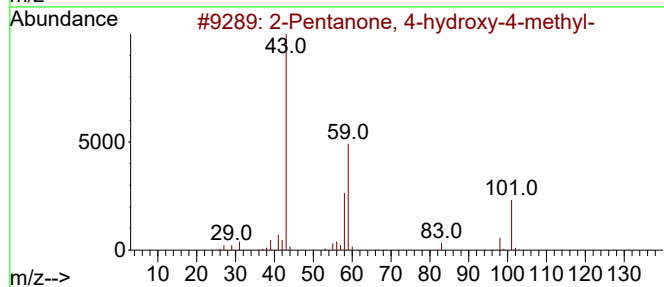
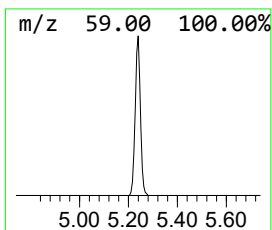
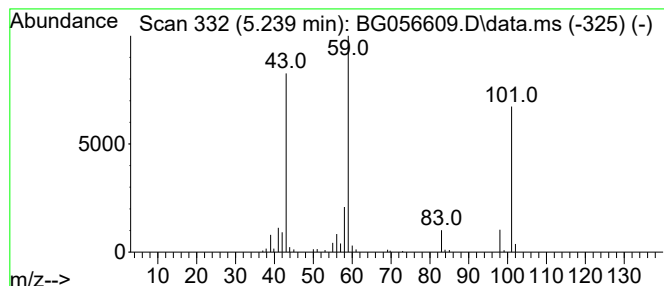
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T.      | EstConc                          | Area   | Relative to ISTD       |         |             | R.T.  |
|-----------|----------------------------------|--------|------------------------|---------|-------------|-------|
| 5.239     | 19.72 ng                         | 147277 | 1,4-Dichlorobenzene-d4 |         |             | 8.212 |
| Hit# of 5 | Tentative ID                     |        | MW                     | MolForm | CAS#        | Qual  |
| 1         | 2-Pentanone, 4-hydroxy-4-methyl- |        | 116                    | C6H12O2 | 000123-42-2 | 40    |
| 2         | 3-Heptanol, 4-methyl-            |        | 130                    | C8H18O  | 014979-39-6 | 28    |
| 3         | 3-Hydroxy-3-methyl-2-butanone    |        | 102                    | C5H10O2 | 000115-22-0 | 17    |
| 4         | Butyl aldoxime, 3-methyl-, syn-  |        | 101                    | C5H11NO | 005780-40-5 | 16    |
| 5         | Acetamide                        |        | 59                     | C2H5NO  | 000060-35-5 | 9     |



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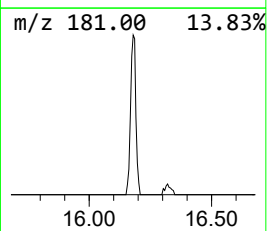
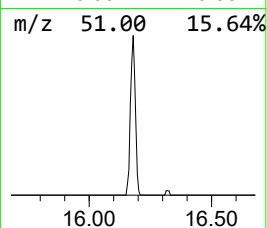
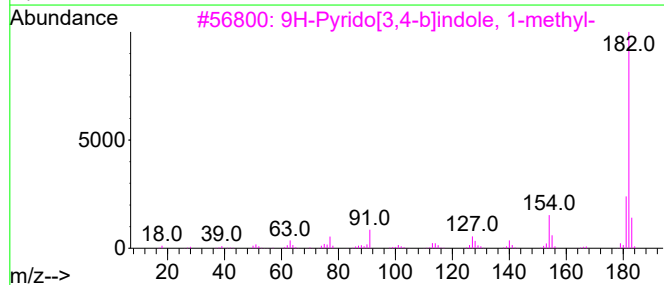
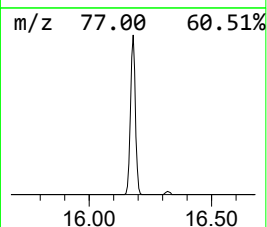
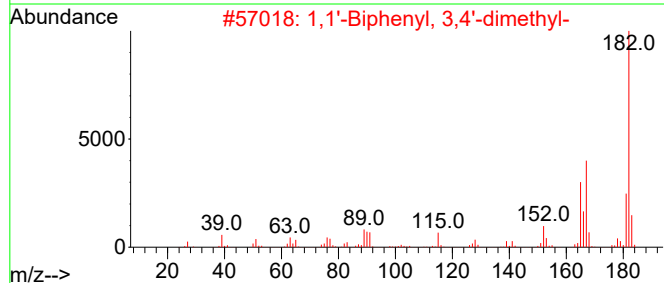
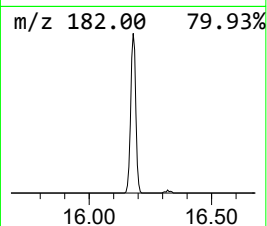
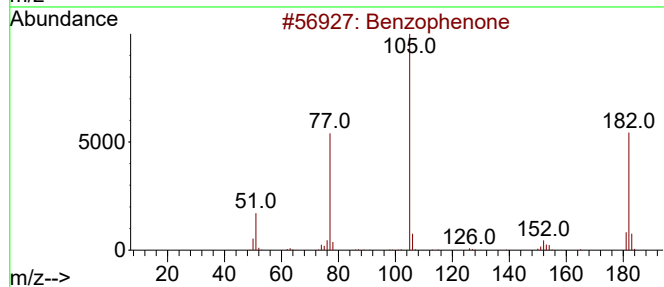
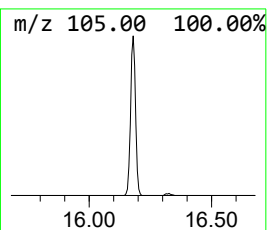
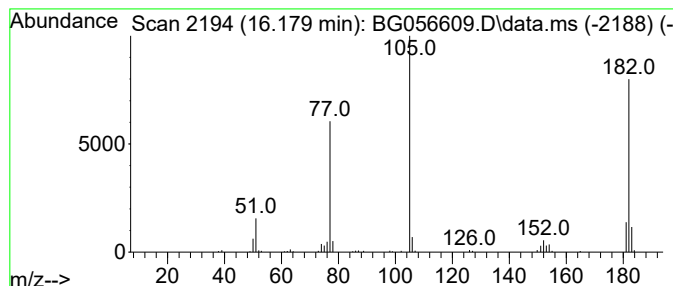
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 Benzophenone Concentration Rank 2

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 16.179 | 10.93 ng | 219344 | Acenaphthene-d10 | 14.840 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 96   |
| 2    |    |   | 1,1'-Biphenyl, 3,4'-dimethyl-       | 182 | C14H14   | 007383-90-6 | 46   |
| 3    |    |   | 9H-Pyrido[3,4-b]indole, 1-methyl-   | 182 | C12H10N2 | 000486-84-0 | 46   |
| 4    |    |   | 3,4-Dimethoxy-5-hydroxybenzaldehyde | 182 | C9H10O4  | 029865-90-5 | 43   |
| 5    |    |   | 2,4,6-Trimethoxytoluene             | 182 | C10H14O3 | 014107-97-2 | 43   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
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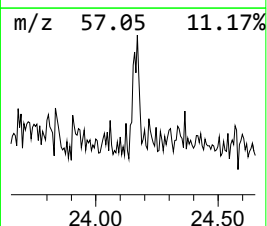
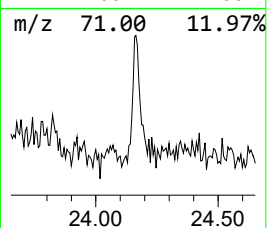
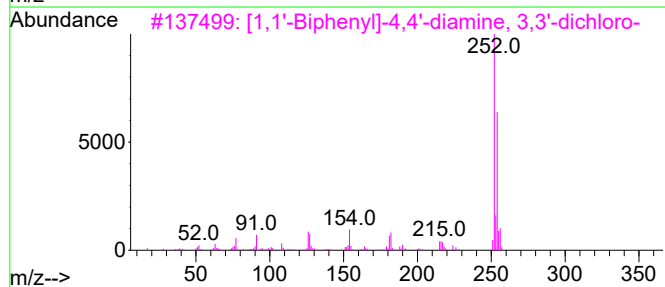
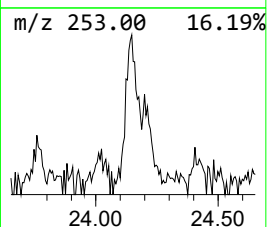
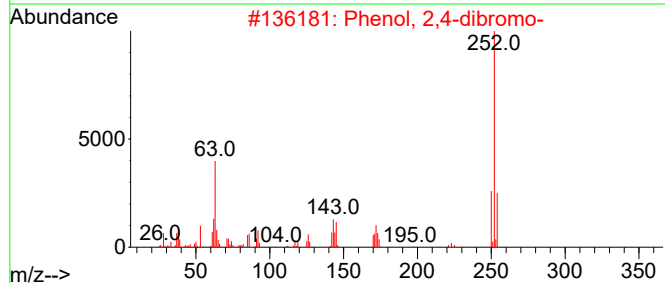
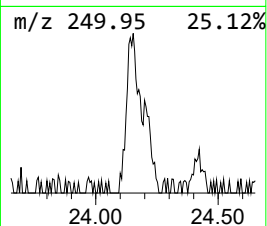
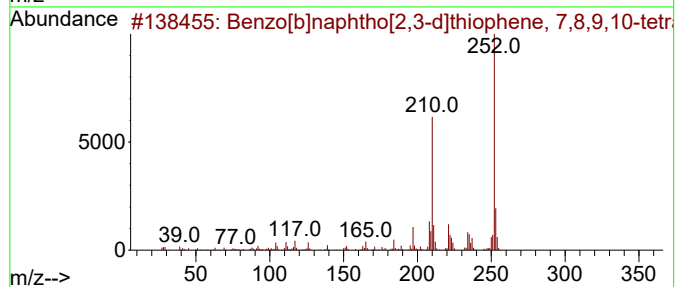
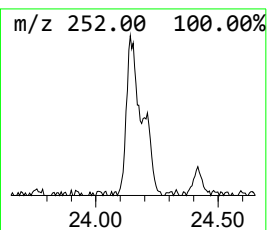
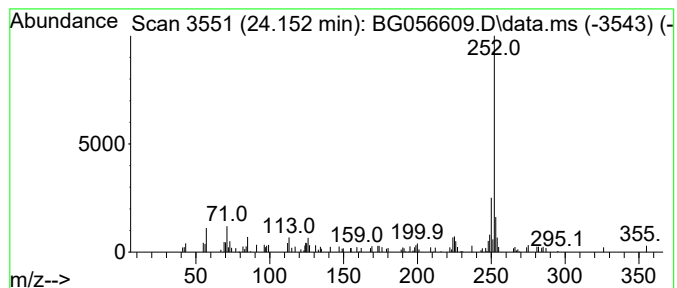
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 24.153 | 3.86 ng | 117566 | Perylene-d12     | 25.222 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | Benzo[b]naphtho[2,3-d]thiophene,... | 252 | C17H16S     | 024964-04-3 | 59   |
| 2    |    |   | Phenol, 2,4-dibromo-                | 250 | C6H4Br2O    | 000615-58-7 | 59   |
| 3    |    |   | [1,1'-Biphenyl]-4,4'-diamine, 3,... | 252 | C12H10Cl2N2 | 000091-94-1 | 53   |
| 4    |    |   | Benzo[a]pyrene                      | 252 | C20H12      | 000050-32-8 | 53   |
| 5    |    |   | Thiazole, 2-amino-4-(4-biphenyl)-   | 252 | C15H12N2S   | 002834-79-9 | 53   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| 2-Pentanone, 4-... | 5.239  | 19.7    | ng    | 147277   | 1                     | 8.212  | 149380 | 20.0 |
| Benzophenone       | 16.179 | 10.9    | ng    | 219344   | 3                     | 14.840 | 401400 | 20.0 |
| Benzo[b]naphtho... | 24.153 | 3.9     | ng    | 117566   | 6                     | 25.222 | 608466 | 20.0 |