

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF080823\  
 Data File : BF134663.D  
 Acq On : 08 Aug 2023 10:23  
 Operator : CG\JU  
 Sample : PB154638BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB154638BL

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\_F\Methods\8270-BF080123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134663.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         | 2.157       | 7             | 12          | 17           | rVB      | 78609          | 106227        | 1.46%           | 0.242%        |
| 2         | 2.263       | 25            | 30          | 38           | rVB      | 101448         | 134511        | 1.85%           | 0.306%        |
| 3         | 5.440       | 564           | 570         | 573          | rBV      | 5010970        | 5657116       | 77.81%          | 12.882%       |
| 4         | 6.434       | 733           | 739         | 742          | rBV      | 4578790        | 5750072       | 79.09%          | 13.094%       |
| 5         | 6.798       | 797           | 801         | 804          | rBV      | 1541255        | 1222531       | 16.82%          | 2.784%        |
| 6         | 7.357       | 890           | 896         | 899          | rBV      | 3306203        | 3817009       | 52.50%          | 8.692%        |
| 7         | 8.075       | 1013          | 1018        | 1021         | rBV      | 1905906        | 1660048       | 22.83%          | 3.780%        |
| 8         | 9.157       | 1195          | 1202        | 1205         | rBV      | 6136645        | 6472523       | 89.03%          | 14.739%       |
| 9         | 9.827       | 1311          | 1316        | 1320         | rBV      | 2018791        | 1864846       | 25.65%          | 4.247%        |
| 10        | 10.622      | 1444          | 1451        | 1455         | rBV      | 3991573        | 4335584       | 59.64%          | 9.873%        |
| 11        | 11.322      | 1565          | 1570        | 1573         | rBV      | 2257485        | 1987600       | 27.34%          | 4.526%        |
| 12        | 12.921      | 1836          | 1842        | 1845         | rBV      | 6639381        | 7270036       | 100.00%         | 16.555%       |
| 13        | 13.968      | 2015          | 2020        | 2023         | rBV      | 1851654        | 1752670       | 24.11%          | 3.991%        |
| 14        | 15.433      | 2263          | 2269        | 2276         | rBV      | 1064874        | 1322016       | 18.18%          | 3.010%        |
| 15        | 16.468      | 2439          | 2445        | 2454         | rBV4     | 44205          | 96140         | 1.32%           | 0.219%        |
| 16        | 17.086      | 2544          | 2550        | 2555         | rBV4     | 34149          | 87402         | 1.20%           | 0.199%        |
| 17        | 17.180      | 2557          | 2566        | 2582         | rVB3     | 83157          | 377956        | 5.20%           | 0.861%        |

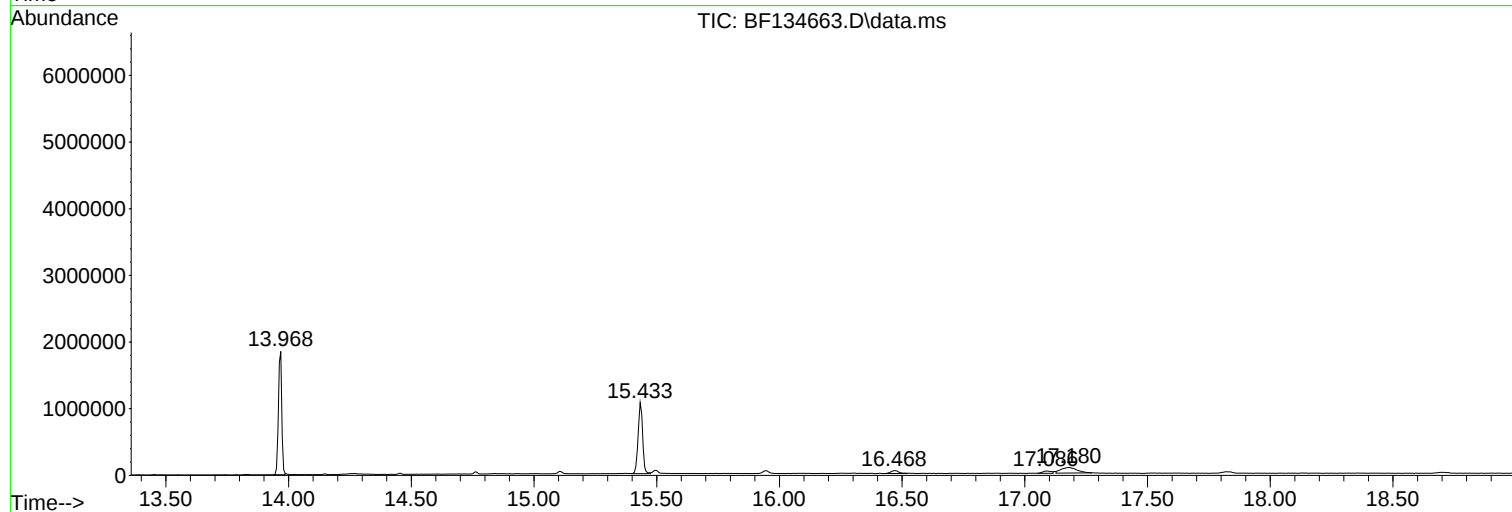
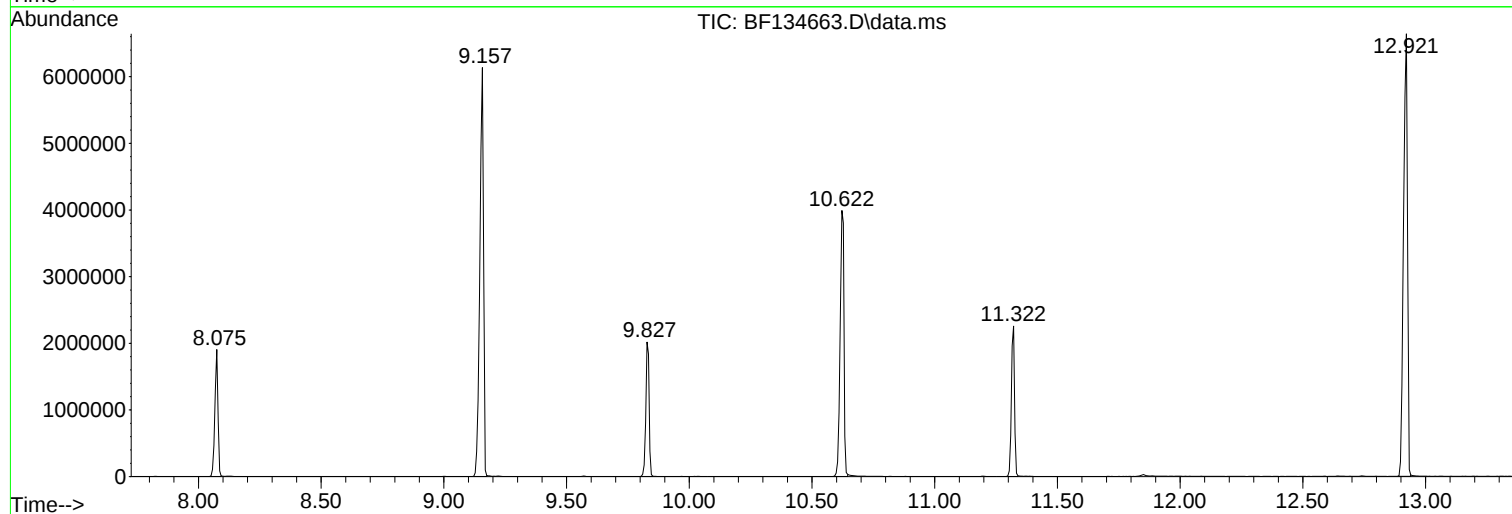
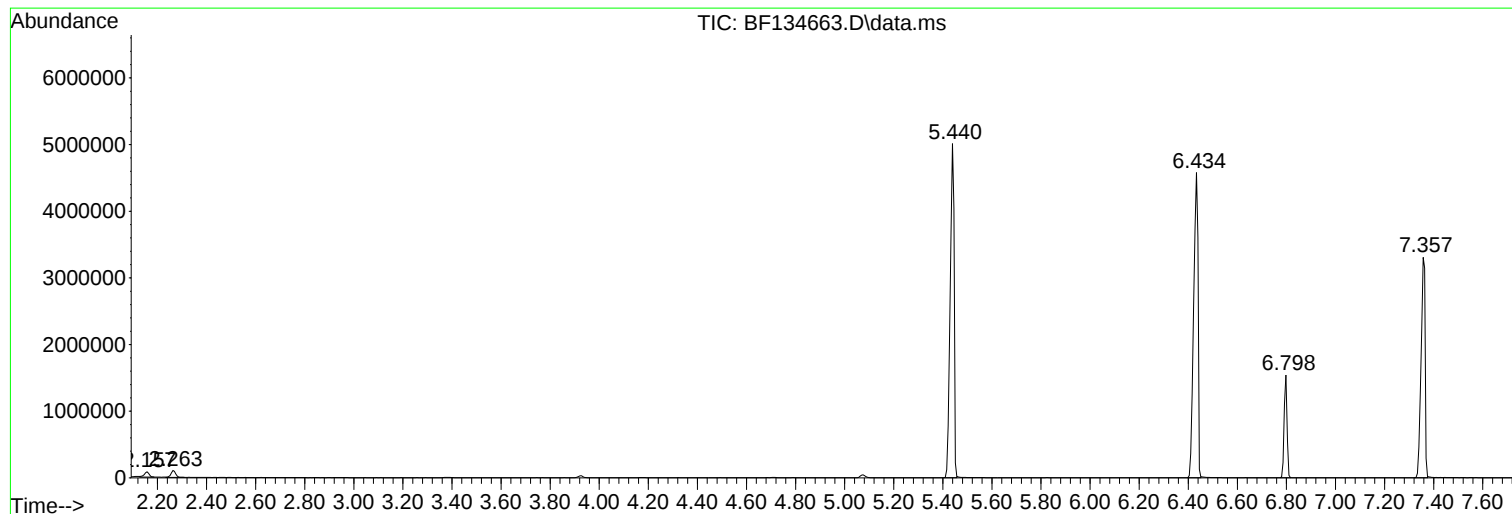
Sum of corrected areas: 43914287

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF080123.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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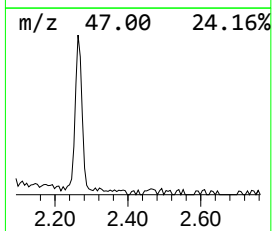
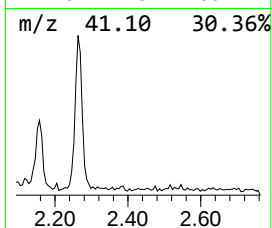
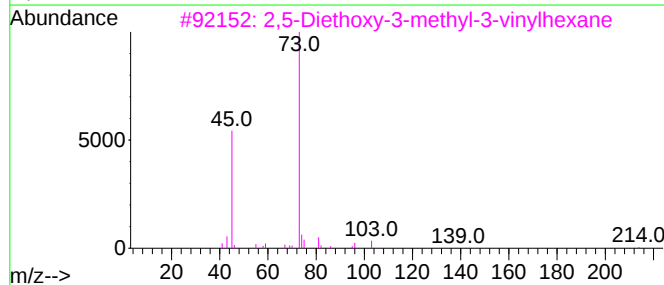
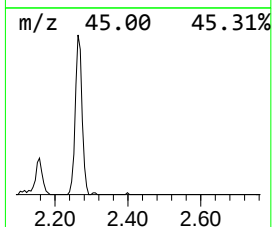
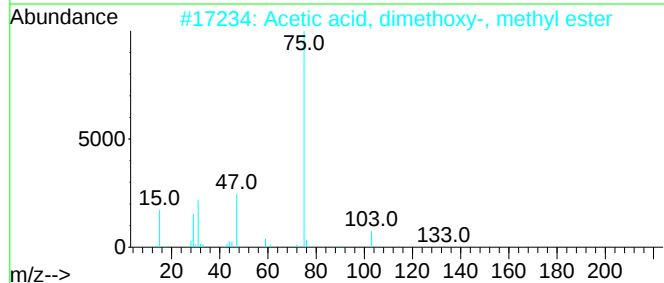
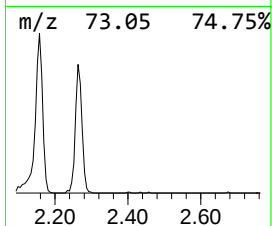
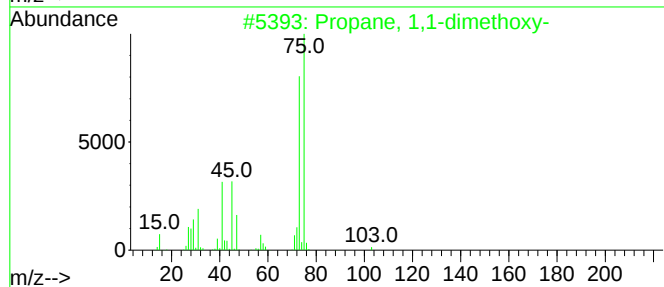
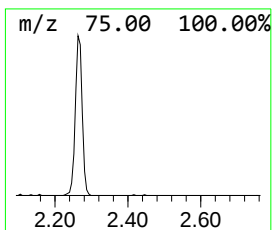
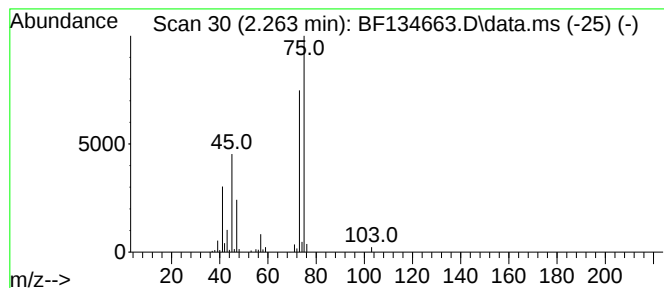
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF080123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 2

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 2.263 | 2.20 ng | 134511 | 1,4-Dichlorobenzene-d4 | 6.798 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Propane, 1,1-dimethoxy-             | 104 | C5H12O2  | 004744-10-9  | 83   |
| 2    |    |   | Acetic acid, dimethoxy-, methyl ... | 134 | C5H10O4  | 000089-91-8  | 28   |
| 3    |    |   | 2,5-Diethoxy-3-methyl-3-vinylhexane | 214 | C13H26O2 | 1000432-70-8 | 27   |
| 4    |    |   | Pentane, 3-methoxy-                 | 102 | C6H14O   | 036839-67-5  | 22   |
| 5    |    |   | 1-Cyclohexyl-3-ethoxy-butan-2-one   | 198 | C12H22O2 | 074897-69-1  | 10   |



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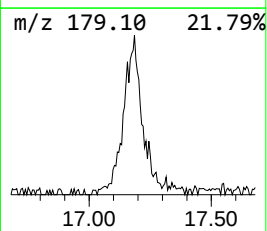
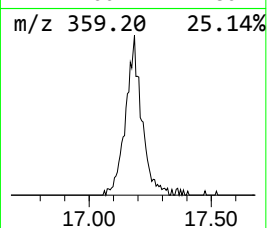
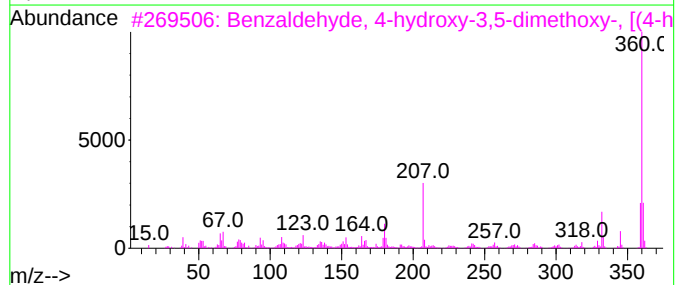
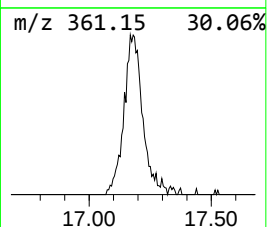
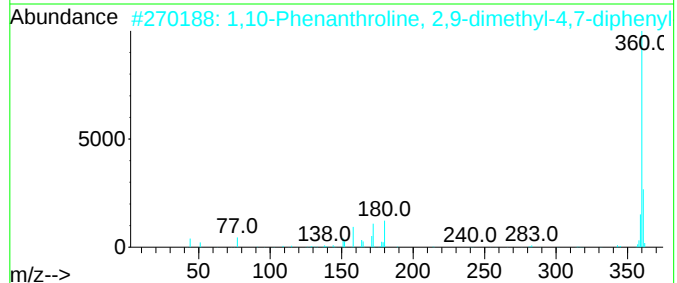
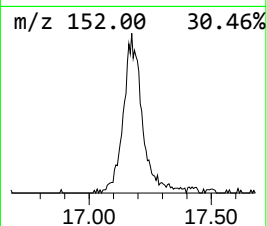
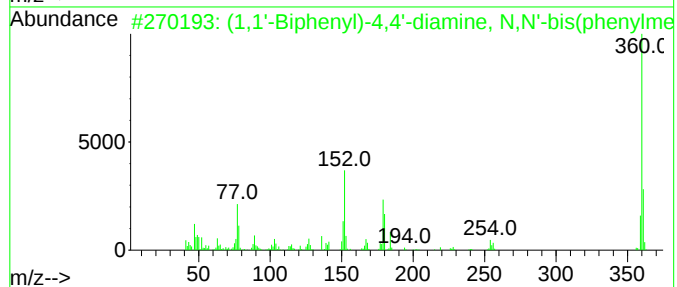
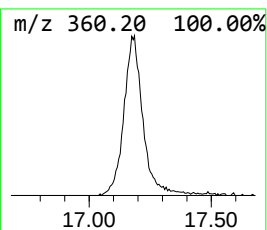
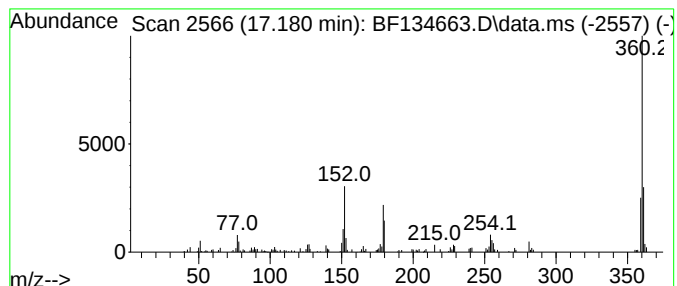
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Peak Number 2 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 1

| R.T.      | EstConc                                                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|---------------------------------------------------------------------|--------|------------------|--------------|------|
| 17.180    | 5.72 ng                                                             | 377956 | Perylene-d12     | 15.433       |      |
| Hit# of 5 | Tentative ID                                                        | MW     | MolForm          | CAS#         | Qual |
| 1         | (1,1'-Biphenyl)-4,4'-diamine, N,N'-di-2-Naphthyl-p-phenylenediamine | 360    | C26H20N2         | 006311-48-4  | 93   |
| 2         | 1,10-Phenanthroline, 2,9-dimethyl-10,10-dihydro-9,10-phenanthrene   | 360    | C26H20N2         | 004733-39-5  | 58   |
| 3         | Benzaldehyde, 4-hydroxy-3,5-dimethoxybenzaldehyde                   | 360    | C18H20N2O6       | 014414-32-5  | 53   |
| 4         | N,N'-di-2-Naphthyl-p-phenylenediamine                               | 360    | C26H20N2         | 000093-46-9  | 53   |
| 5         | 1,3,2-Dioxaborolane, bis(spiro[4.5]undec-5-en-2-ylidene)-           | 360    | C20H13B06        | 1000150-23-7 | 50   |



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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Propane, 1,1-di... | 2.263  | 2.2     | ng    | 134511   | 1                     | 6.798  | 1222530 | 20.0 |
| (1,1'-Biphenyl)... | 17.180 | 5.7     | ng    | 377956   | 6                     | 15.433 | 1322020 | 20.0 |