

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091222\  
 Data File : BG054915.D  
 Acq On : 12 Sep 2022 21:01  
 Operator : CG/JU  
 Sample : N4572-05  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PSC-164718

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-BG082522.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054915.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         | 5.197       | 318           | 325         | 337          | rBV      | 69360          | 108980        | 6.83%           | 1.025%        |
| 2         | 5.678       | 400           | 407         | 422          | rBV      | 407998         | 675020        | 42.31%          | 6.351%        |
| 3         | 7.294       | 675           | 682         | 698          | rVB      | 415418         | 722605        | 45.29%          | 6.799%        |
| 4         | 8.140       | 818           | 826         | 833          | rBV      | 117847         | 202506        | 12.69%          | 1.905%        |
| 5         | 9.315       | 1016          | 1026        | 1037         | rBV      | 246073         | 450627        | 28.24%          | 4.240%        |
| 6         | 10.966      | 1299          | 1307        | 1322         | rBV      | 165235         | 309922        | 19.43%          | 2.916%        |
| 7         | 13.399      | 1714          | 1721        | 1734         | rBV      | 678991         | 1049113       | 65.76%          | 9.871%        |
| 8         | 14.774      | 1948          | 1955        | 1962         | rBV      | 297765         | 470829        | 29.51%          | 4.430%        |
| 9         | 16.260      | 2202          | 2208        | 2228         | rBV      | 518765         | 896805        | 56.21%          | 8.438%        |
| 10        | 16.807      | 2295          | 2301        | 2308         | rBV      | 24514          | 35947         | 2.25%           | 0.338%        |
| 11        | 17.523      | 2416          | 2423        | 2428         | rBV      | 398439         | 622690        | 39.03%          | 5.859%        |
| 12        | 17.565      | 2428          | 2430        | 2436         | rVB      | 49033          | 62409         | 3.91%           | 0.587%        |
| 13        | 18.446      | 2576          | 2580        | 2587         | rVB2     | 11092          | 18240         | 1.14%           | 0.172%        |
| 14        | 18.593      | 2599          | 2605        | 2610         | rBV3     | 17117          | 34837         | 2.18%           | 0.328%        |
| 15        | 19.298      | 2721          | 2725        | 2731         | rBV3     | 9640           | 16568         | 1.04%           | 0.156%        |
| 16        | 19.451      | 2745          | 2751        | 2756         | rBV5     | 9306           | 19162         | 1.20%           | 0.180%        |
| 17        | 19.574      | 2766          | 2772        | 2776         | rBV      | 107702         | 156661        | 9.82%           | 1.474%        |
| 18        | 19.615      | 2776          | 2779        | 2784         | rVB3     | 10622          | 15985         | 1.00%           | 0.150%        |
| 19        | 19.932      | 2822          | 2833        | 2841         | rBV      | 102349         | 187978        | 11.78%          | 1.769%        |
| 20        | 20.120      | 2859          | 2865        | 2877         | rVB      | 1206977        | 1595459       | 100.00%         | 15.011%       |
| 21        | 20.320      | 2894          | 2899        | 2906         | rBV      | 163053         | 204039        | 12.79%          | 1.920%        |
| 22        | 20.420      | 2906          | 2916        | 2922         | rVB2     | 19148          | 57978         | 3.63%           | 0.546%        |
| 23        | 20.526      | 2929          | 2934        | 2935         | rBV2     | 13907          | 18877         | 1.18%           | 0.178%        |
| 24        | 20.585      | 2940          | 2944        | 2948         | rVB      | 12062          | 16687         | 1.05%           | 0.157%        |
| 25        | 20.726      | 2964          | 2968        | 2971         | rBV      | 15575          | 23982         | 1.50%           | 0.226%        |
| 26        | 21.425      | 3083          | 3087        | 3093         | rBV5     | 22275          | 39714         | 2.49%           | 0.374%        |
| 27        | 21.630      | 3118          | 3122        | 3126         | rBV      | 29516          | 44183         | 2.77%           | 0.416%        |
| 28        | 21.666      | 3126          | 3128        | 3133         | rVV      | 13241          | 18917         | 1.19%           | 0.178%        |
| 29        | 21.730      | 3133          | 3139        | 3145         | rVV      | 426499         | 652025        | 40.87%          | 6.135%        |
| 30        | 21.818      | 3146          | 3154        | 3159         | rVV      | 397548         | 786398        | 49.29%          | 7.399%        |
| 31        | 21.860      | 3159          | 3161        | 3168         | rVB2     | 87474          | 125346        | 7.86%           | 1.179%        |
| 32        | 21.977      | 3178          | 3181        | 3186         | rVB3     | 18732          | 29058         | 1.82%           | 0.273%        |
| 33        | 22.153      | 3207          | 3211        | 3218         | rVB      | 45754          | 82361         | 5.16%           | 0.775%        |
| 34        | 22.476      | 3262          | 3266        | 3273         | rVB3     | 14803          | 27446         | 1.72%           | 0.258%        |
| 35        | 23.005      | 3351          | 3356        | 3361         | rVB7     | 20465          | 38918         | 2.44%           | 0.366%        |
| 36        | 24.110      | 3539          | 3544        | 3551         | rBV2     | 20038          | 53642         | 3.36%           | 0.505%        |

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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PSC-164718

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-BG082522.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 25.191 | 3717 | 3728 | 3740 | rBV  | 237410 | 727290 | 45.59% | 6.843% |
| 38 | 25.867 | 3837 | 3843 | 3846 | rBV6 | 14065  | 29094  | 1.82%  | 0.274% |

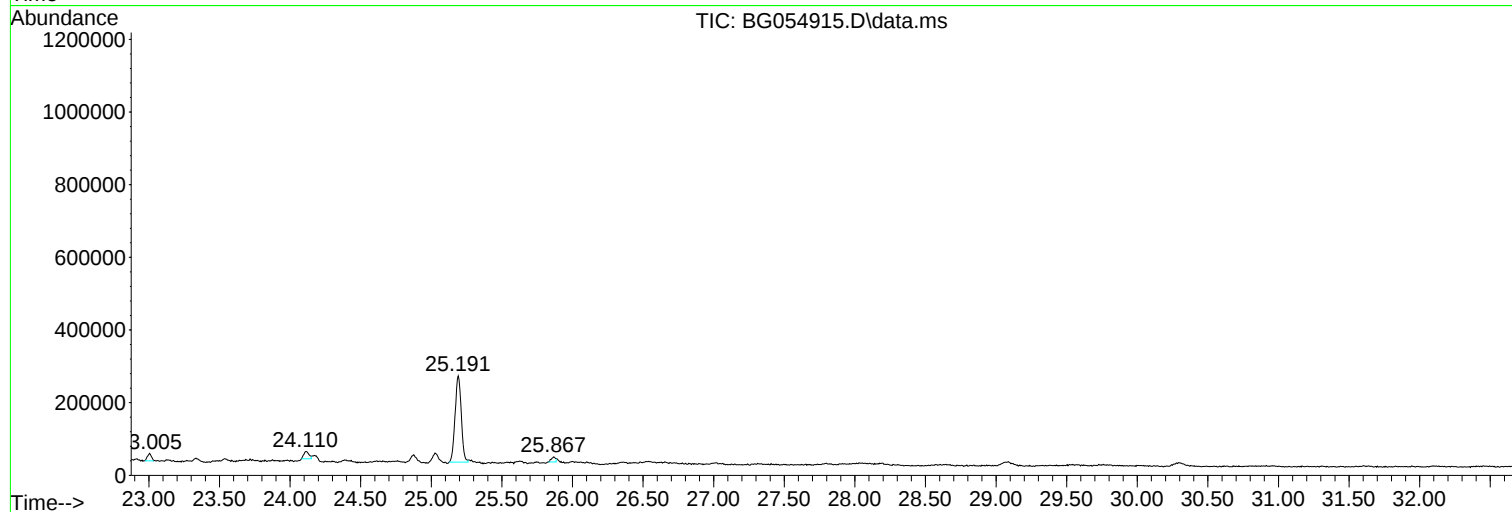
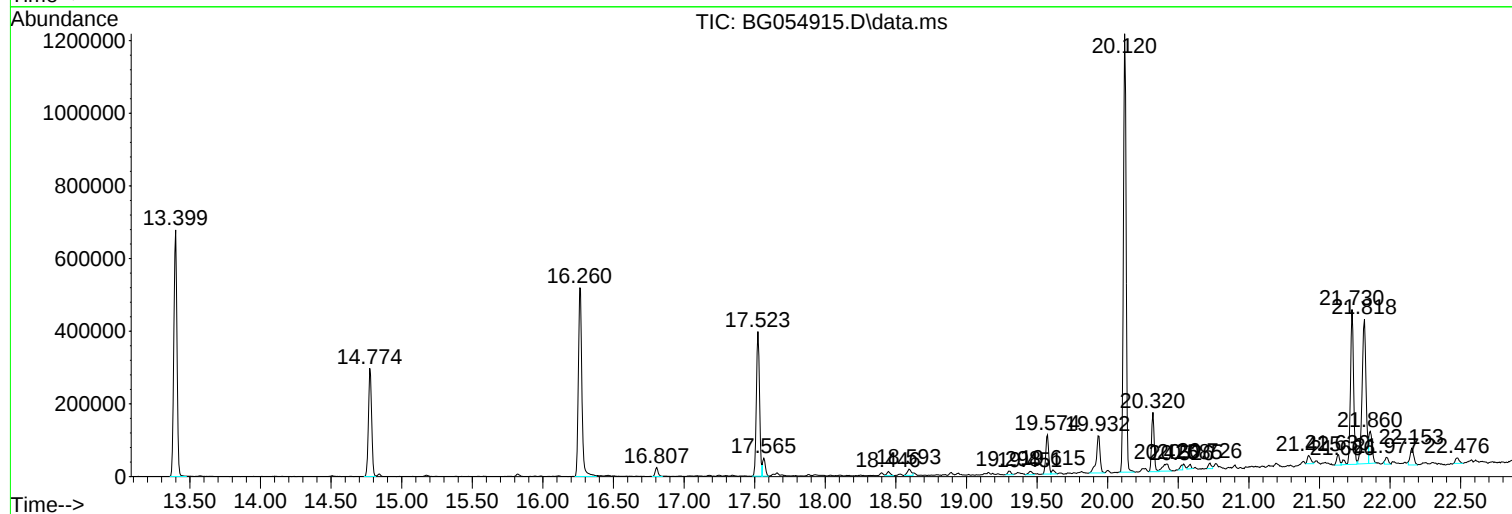
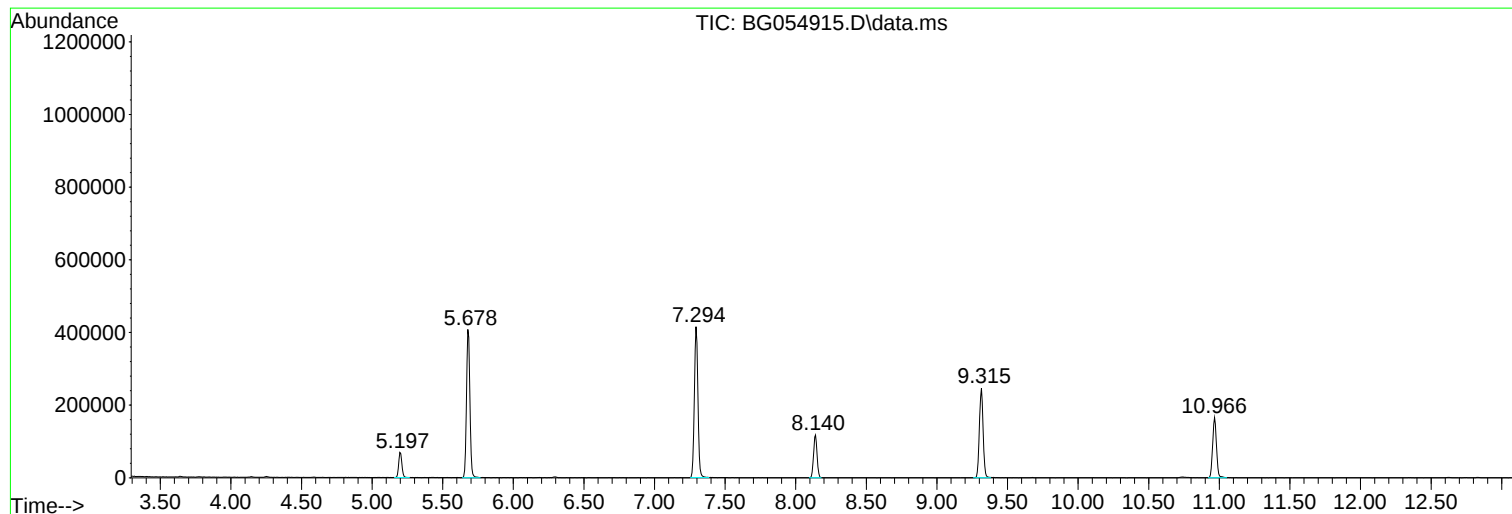
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091222\  
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Acq On : 12 Sep 2022 21:01  
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Sample : N4572-05  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091222\  
Data File : BG054915.D  
Acq On : 12 Sep 2022 21:01  
Operator : CG/JU  
Sample : N4572-05  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PSC-164718

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

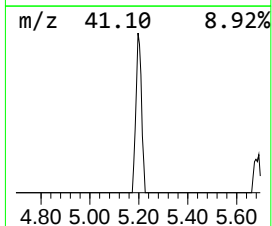
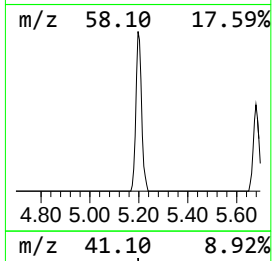
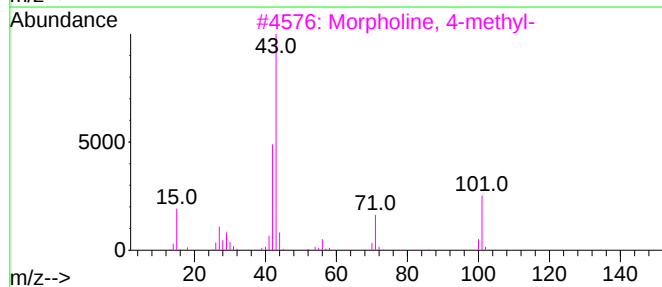
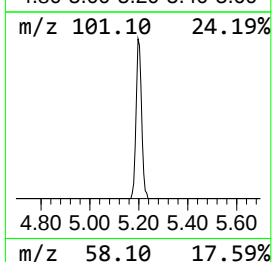
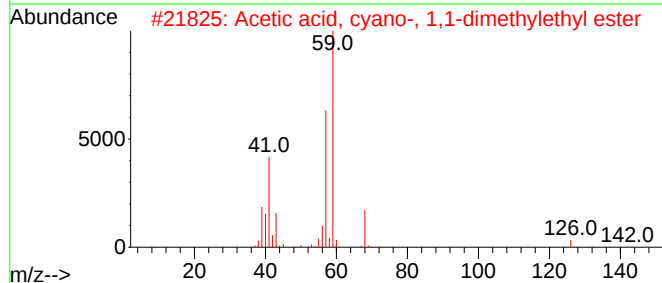
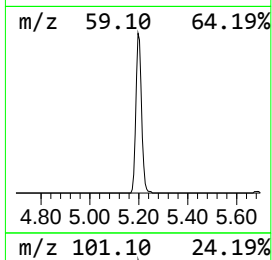
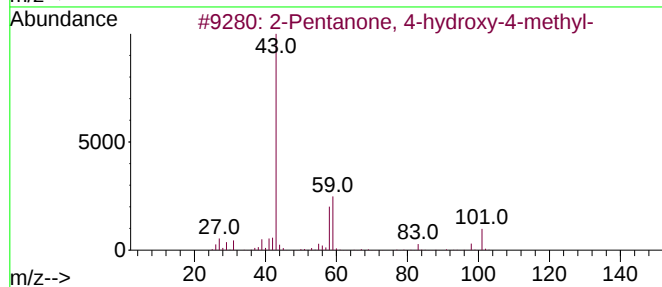
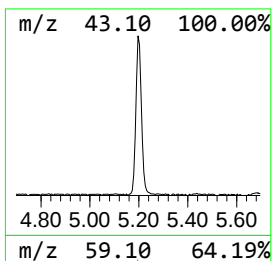
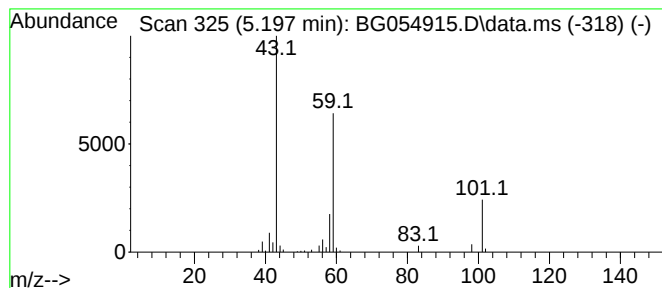
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 5.197 | 10.76 ng | 108980 | 1,4-Dichlorobenzene-d4 | 8.140 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 59   |
| 2    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17   |
| 3    |    |   | Morpholine, 4-methyl-               | 101 | C5H11NO  | 000109-02-4 | 9    |
| 4    |    |   | Guanidine                           | 59  | CH5N3    | 000113-00-8 | 9    |
| 5    |    |   | Butane, 1-ethoxy-                   | 102 | C6H14O   | 000628-81-9 | 9    |



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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PSC-164718

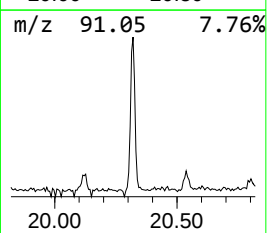
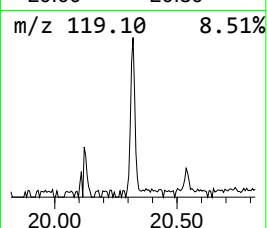
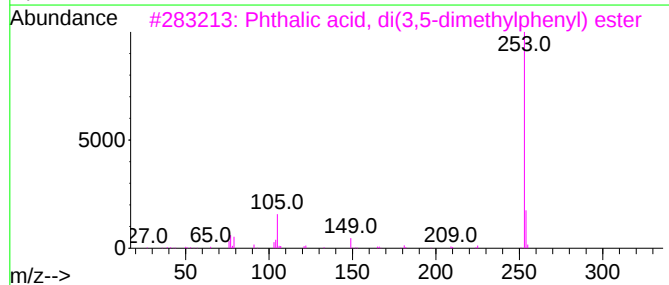
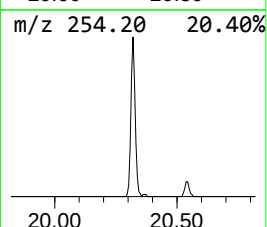
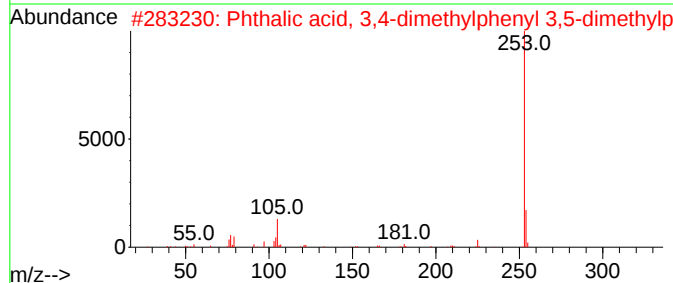
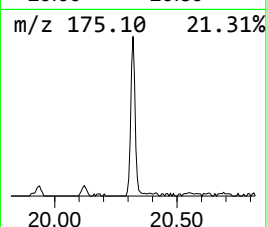
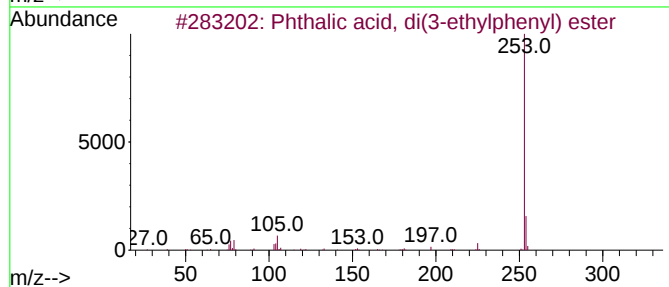
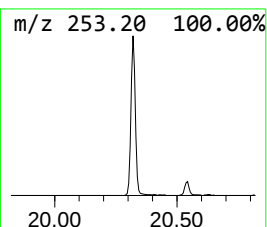
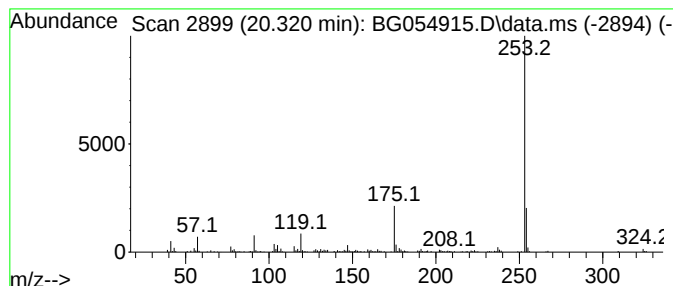
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Phthalic acid, di(3-ethylph... Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 20.320 | 5.19 ng | 204039 | Chrysene-d12     | 21.818 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Phthalic acid, di(3-ethylphenyl)... | 374 | C24H22O4  | 1000357-08-4 | 53   |
| 2    |    |   | Phthalic acid, 3,4-dimethylpheny... | 374 | C24H22O4  | 1000315-70-6 | 50   |
| 3    |    |   | Phthalic acid, di(3,5-dimethylph... | 374 | C24H22O4  | 1000309-79-1 | 47   |
| 4    |    |   | 1,3-Diphenyl-4H-1,2,4-triazoline... | 253 | C14H11N3S | 005055-73-2  | 42   |
| 5    |    |   | Phthalic acid, di(2,3-dimethylph... | 374 | C24H22O4  | 1000357-09-2 | 42   |



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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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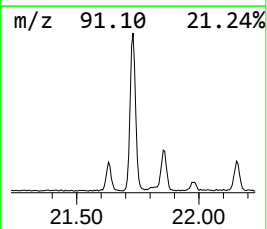
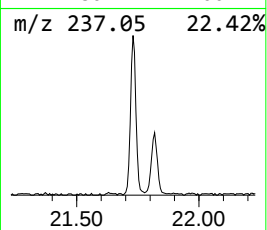
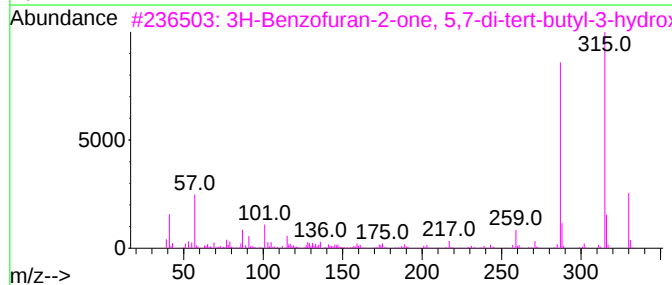
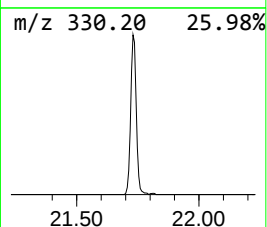
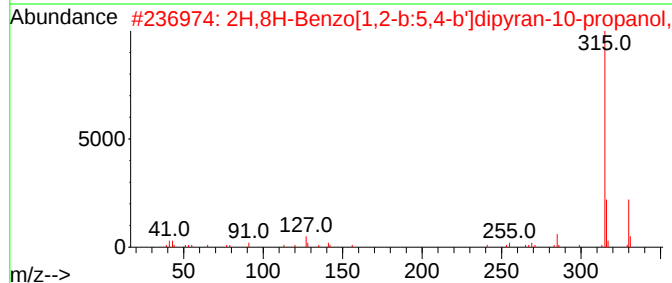
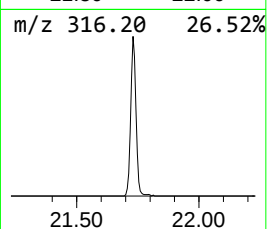
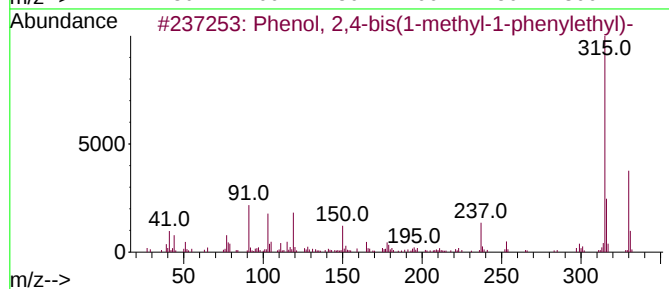
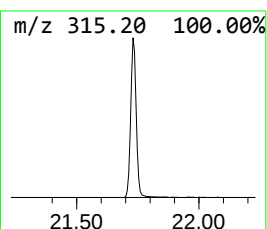
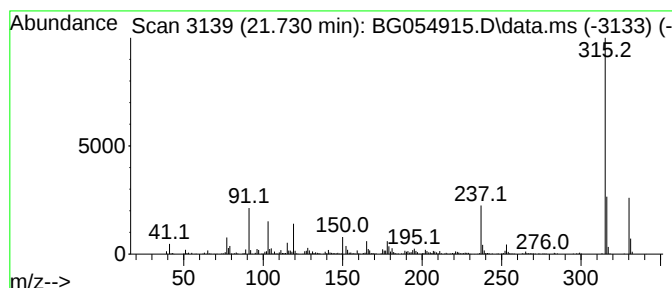
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Phenol, 2,4-bis(1-methyl-1-... Concentration Rank 1

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 21.730 | 16.58 ng | 652025 | Chrysene-d12     | 21.818 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Phenol, 2,4-bis(1-methyl-1-pheny... | 330 | C24H26O    | 002772-45-4  | 94   |
| 2    |    |   | 2H,8H-Benzo[1,2-b:5,4-b']dipyr...   | 330 | C20H26O4   | 026535-37-5  | 58   |
| 3    |    |   | 3H-Benzofuran-2-one, 5,7-di-ter...  | 330 | C17H21F3O3 | 1000304-22-0 | 50   |
| 4    |    |   | benzaldehyde, 4-[bis(4-methylphe... | 315 | C22H21NO   | 1000397-76-6 | 43   |
| 5    |    |   | 1H-Dicyclooct[e,g]isoindole-1,3(... | 315 | C20H29NO2  | 051624-47-6  | 40   |



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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
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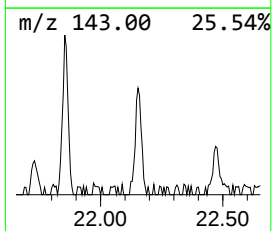
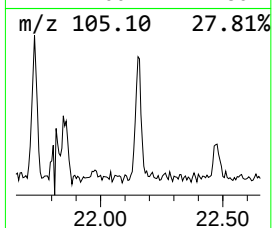
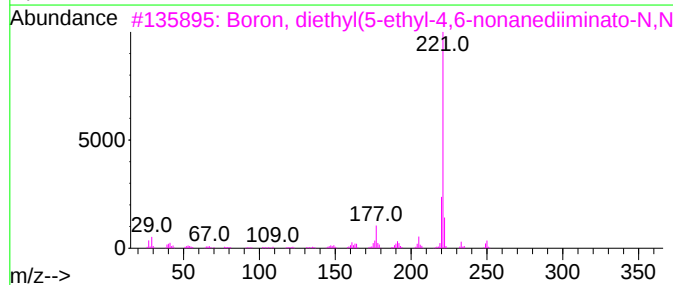
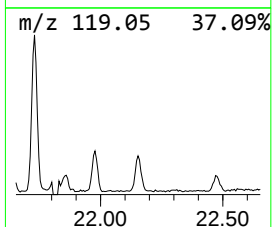
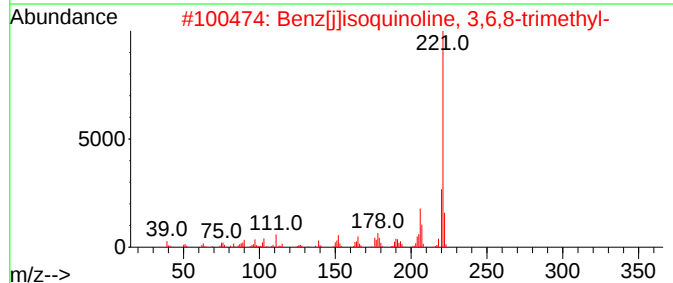
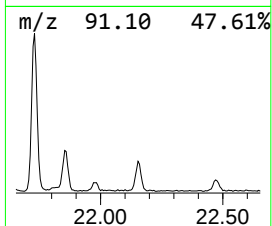
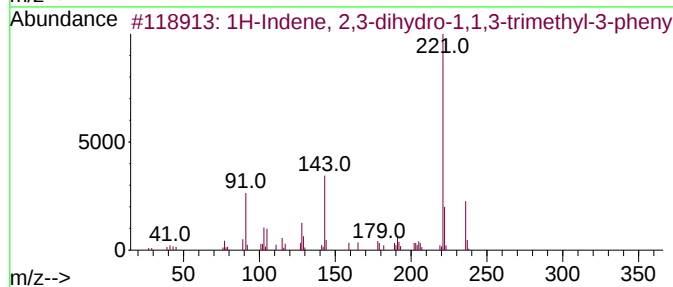
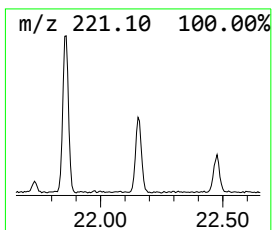
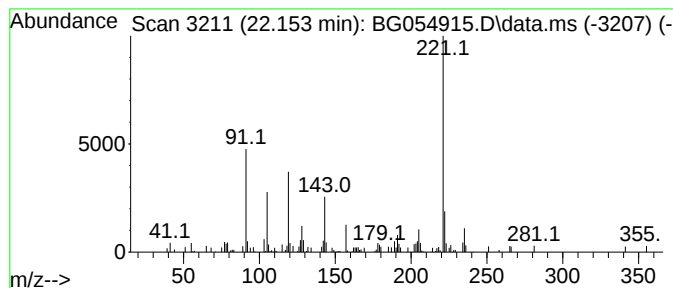
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 4 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 4

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 22.153 | 2.09 ng | 82361 | Chrysene-d12     | 21.818 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 236 | C18H20     | 003910-35-8  | 53   |
| 2    |    |   | Benz[j]isoquinoline, 3,6,8-trime... | 221 | C16H15N    | 061171-16-2  | 47   |
| 3    |    |   | Boron, diethyl(5-ethyl-4,6-nonan... | 250 | C15H31BN2  | 136705-03-8  | 47   |
| 4    |    |   | 3-Amino-4,6-dimethylthieno[2,3-b... | 221 | C10H11N3OS | 067795-42-0  | 47   |
| 5    |    |   | Turmeronol A, TMS                   | 304 | C18H28O2Si | 1000495-94-9 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091222\  
Data File : BG054915.D  
Acq On : 12 Sep 2022 21:01  
Operator : CG/JU  
Sample : N4572-05  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PSC-164718

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.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 |
| 2-Pentanone, 4-... | 5.197  | 10.8    | ng    | 108980   | 1                     | 8.140  | 202506 | 20.0 |
| Phthalic acid, ... | 20.320 | 5.2     | ng    | 204039   | 5                     | 21.818 | 786398 | 20.0 |
| Phenol, 2,4-bis... | 21.730 | 16.6    | ng    | 652025   | 5                     | 21.818 | 786398 | 20.0 |
| 1H-Indene, 2,3-... | 22.153 | 2.1     | ng    | 82361    | 5                     | 21.818 | 786398 | 20.0 |