

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092624\  
 Data File : BF139558.D  
 Acq On : 26 Sep 2024 20:55  
 Operator : RC/JU  
 Sample : P4176-06  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FB-2C-SYS1

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-BF091324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139558.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         | 2.152       | 3             | 10          | 17           | rVB      | 2411690        | 3802651       | 100.00%         | 25.171%       |
| 2         | 5.081       | 499           | 508         | 516          | rBV      | 92813          | 125965        | 3.31%           | 0.834%        |
| 3         | 5.492       | 572           | 578         | 590          | rVB      | 568922         | 753393        | 19.81%          | 4.987%        |
| 4         | 6.498       | 744           | 749         | 759          | rBV      | 440300         | 567594        | 14.93%          | 3.757%        |
| 5         | 6.875       | 808           | 813         | 818          | rBV      | 315620         | 377066        | 9.92%           | 2.496%        |
| 6         | 7.439       | 902           | 909         | 914          | rBV      | 1068443        | 1411822       | 37.13%          | 9.345%        |
| 7         | 7.757       | 958           | 963         | 970          | rBV      | 29638          | 39157         | 1.03%           | 0.259%        |
| 8         | 8.157       | 1026          | 1031        | 1044         | rBV      | 398039         | 488801        | 12.85%          | 3.236%        |
| 9         | 9.233       | 1208          | 1214        | 1219         | rBV      | 1691296        | 2124254       | 55.86%          | 14.061%       |
| 10        | 9.910       | 1324          | 1329        | 1334         | rBV      | 437680         | 528268        | 13.89%          | 3.497%        |
| 11        | 10.622      | 1445          | 1450        | 1458         | rBV2     | 36245          | 55742         | 1.47%           | 0.369%        |
| 12        | 10.698      | 1458          | 1463        | 1489         | rBV      | 810399         | 1039733       | 27.34%          | 6.882%        |
| 13        | 11.398      | 1577          | 1582        | 1589         | rBV      | 441330         | 549827        | 14.46%          | 3.640%        |
| 14        | 11.916      | 1666          | 1670        | 1675         | rBV      | 27104          | 44245         | 1.16%           | 0.293%        |
| 15        | 12.980      | 1845          | 1851        | 1856         | rBV      | 1942221        | 2523616       | 66.36%          | 16.705%       |
| 16        | 14.033      | 2023          | 2030        | 2039         | rBV      | 278441         | 356746        | 9.38%           | 2.361%        |
| 17        | 15.504      | 2274          | 2280        | 2290         | rBV      | 197368         | 318289        | 8.37%           | 2.107%        |

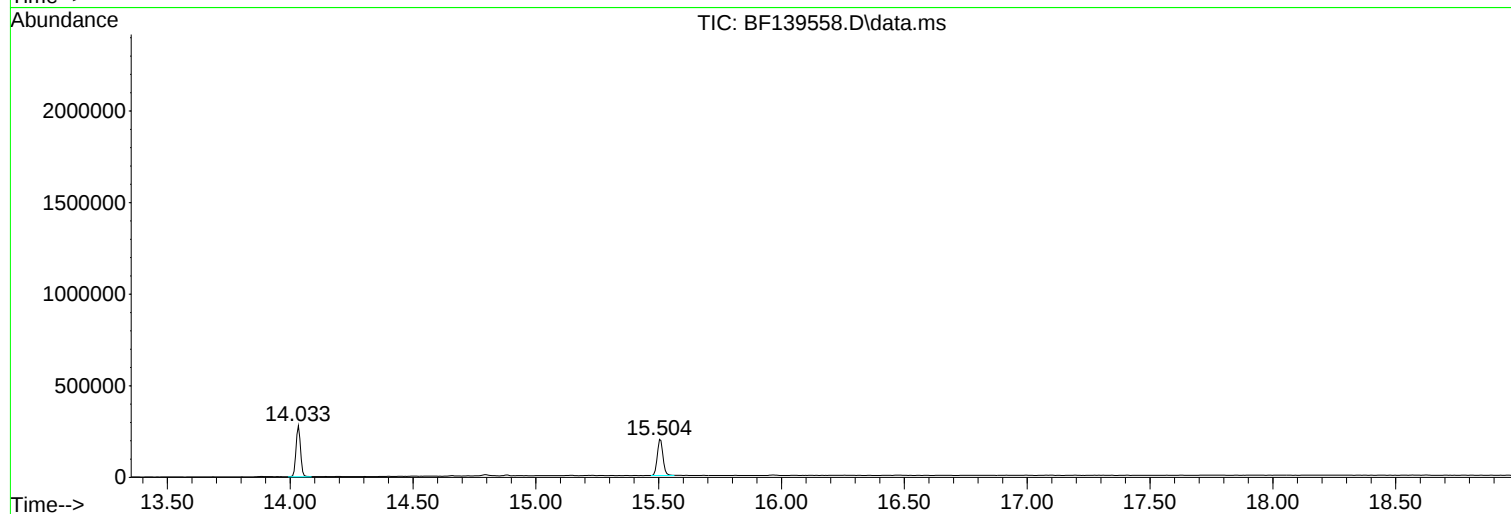
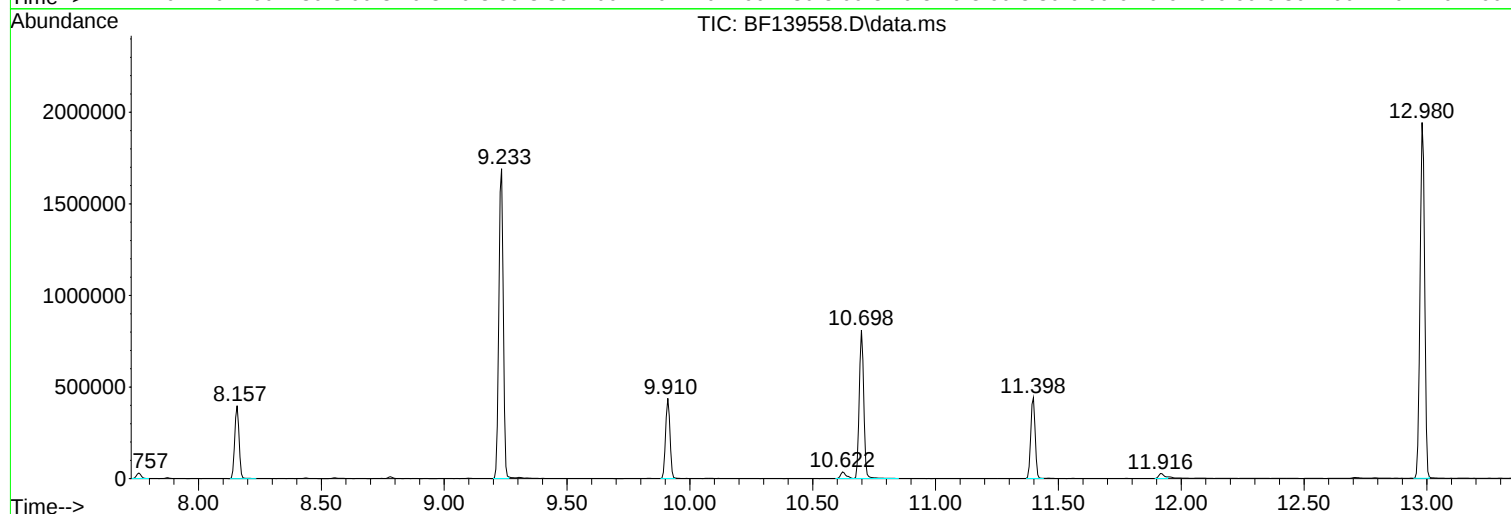
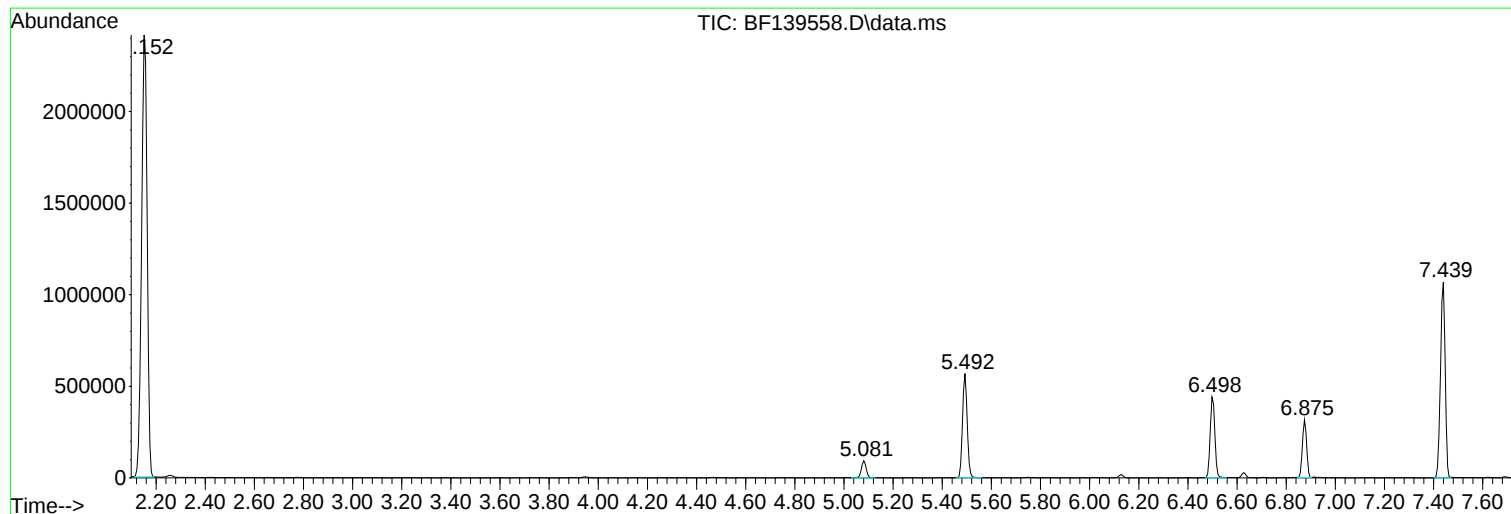
Sum of corrected areas: 15107169

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Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FB-2C-SYS1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.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\_F\Data\BF092624\  
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Instrument :  
BNA\_F  
ClientSampleId :  
FB-2C-SYS1

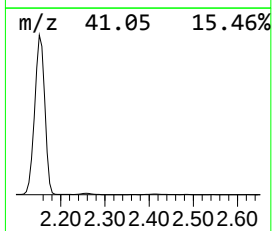
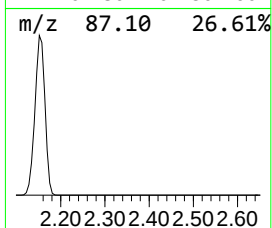
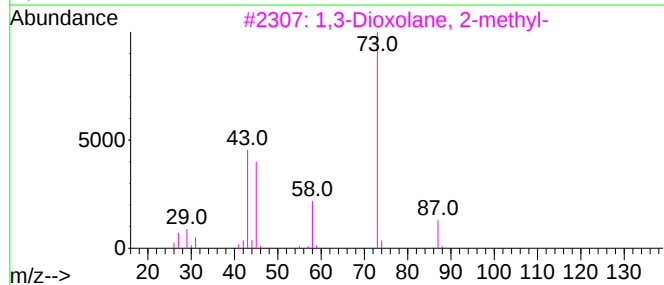
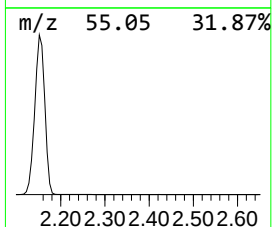
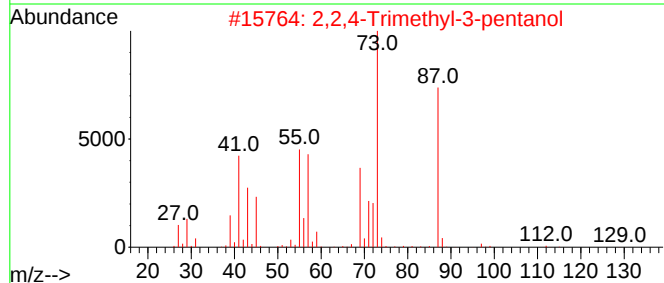
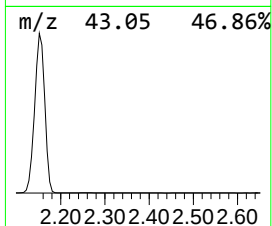
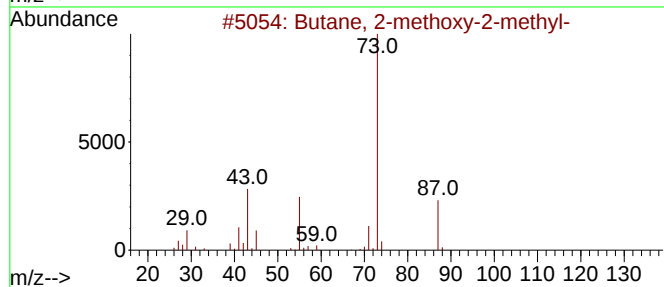
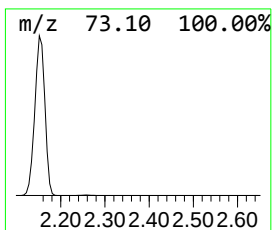
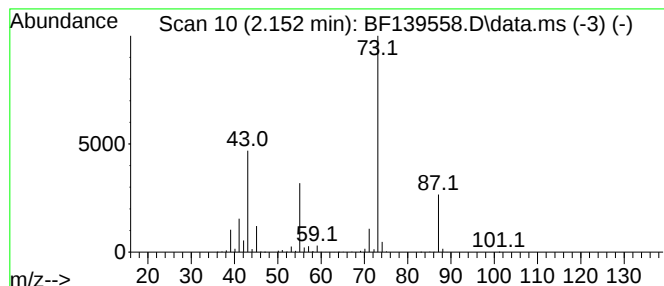
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.  |
|-------|-----------|---------|------------------------|-------|
| 2.152 | 201.70 ng | 3802650 | 1,4-Dichlorobenzene-d4 | 6.875 |

| 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-methyl-    | 88  | C4H8O2  | 000497-26-7 | 23   |
| 4    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 12   |
| 5    |    |   | Borane, dimethoxy-          | 74  | C2H7BO2 | 004542-61-4 | 9    |



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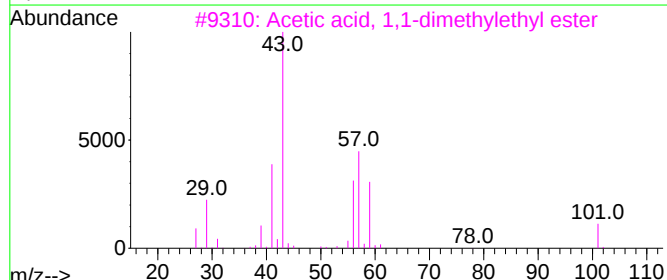
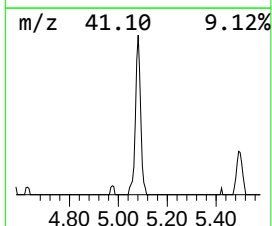
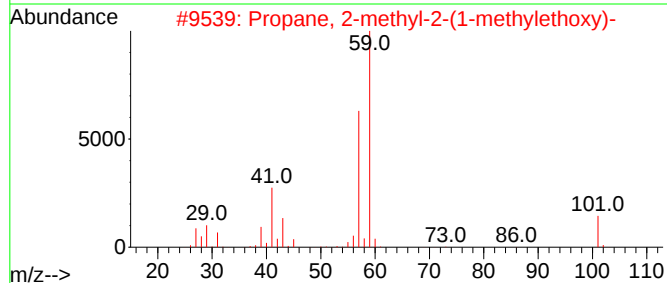
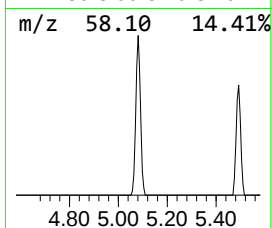
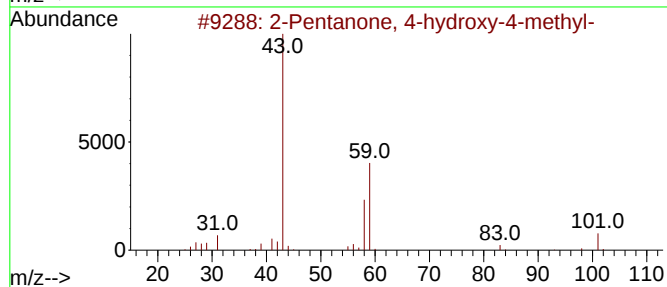
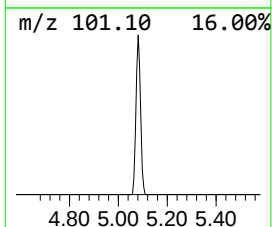
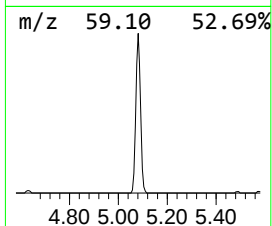
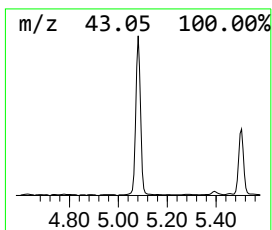
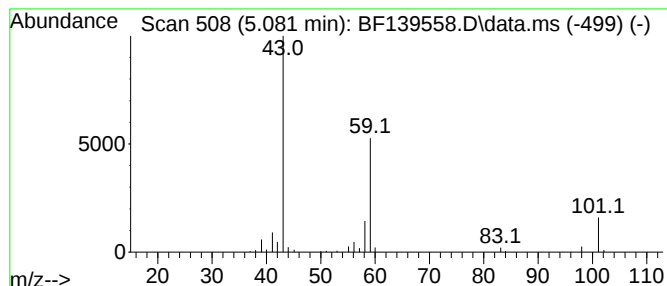
Instrument :  
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ClientSampleId :  
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.      | EstConc                             | Area   | Relative to ISTD       |          |             | R.T.  |
|-----------|-------------------------------------|--------|------------------------|----------|-------------|-------|
| 5.081     | 6.68 ng                             | 125965 | 1,4-Dichlorobenzene-d4 |          |             | 6.875 |
| Hit# of 5 | Tentative ID                        |        | MW                     | MolForm  | CAS#        | Qual  |
| 1         | 2-Pentanone, 4-hydroxy-4-methyl-    |        | 116                    | C6H12O2  | 000123-42-2 | 56    |
| 2         | Propane, 2-methyl-2-(1-methyleth... |        | 116                    | C7H16O   | 017348-59-3 | 36    |
| 3         | Acetic acid, 1,1-dimethylethyl e... |        | 116                    | C6H12O2  | 000540-88-5 | 28    |
| 4         | 2-Hexanol, 2-methyl-                |        | 116                    | C7H16O   | 000625-23-0 | 28    |
| 5         | Acetic acid, cyano-, 1,1-dimethy... |        | 141                    | C7H11NO2 | 001116-98-9 | 25    |



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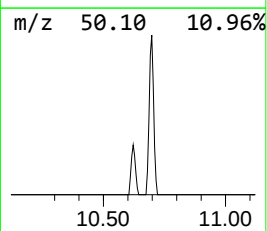
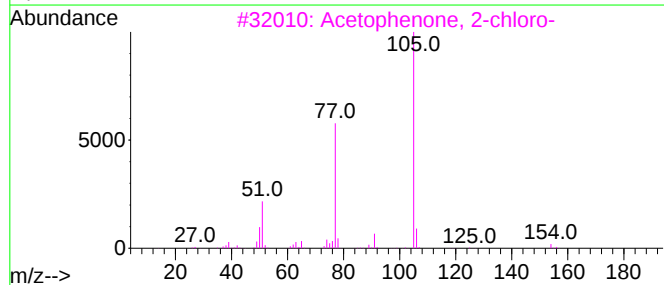
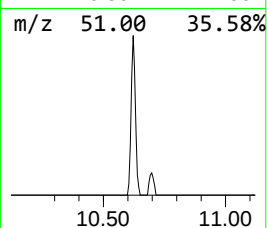
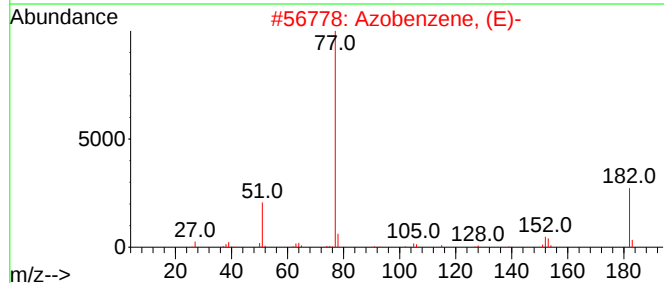
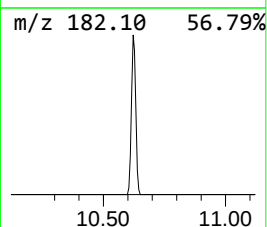
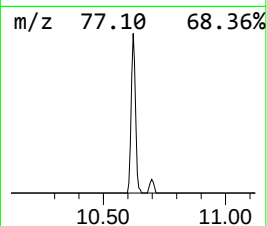
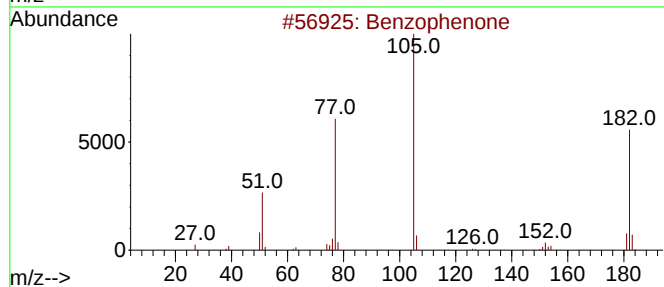
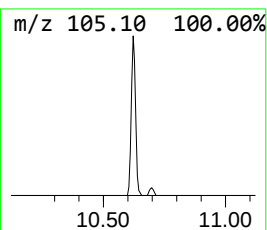
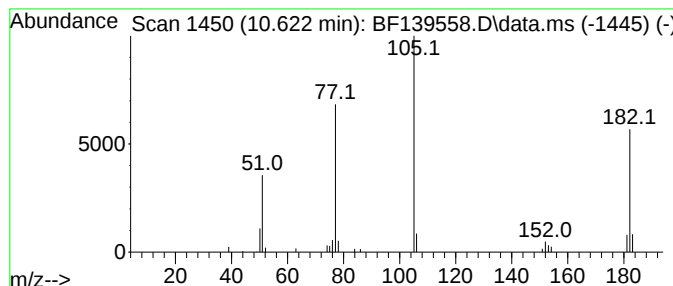
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\*\*\*\*\*  
Peak Number 3 Benzophenone Concentration Rank 3

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.  |
|--------|---------|-------|------------------|-------|
| 10.621 | 2.11 ng | 55742 | Acenaphthene-d10 | 9.910 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                       | 182 | C13H10O  | 000119-61-9 | 96   |
| 2    |    |   | Azobenzene, (E)-                   | 182 | C12H10N2 | 017082-12-1 | 53   |
| 3    |    |   | Acetophenone, 2-chloro-            | 154 | C8H7ClO  | 000532-27-4 | 52   |
| 4    |    |   | 1-Propanone, 3-chloro-1-phenyl-    | 168 | C9H9ClO  | 000936-59-4 | 50   |
| 5    |    |   | Benzenebutanoic acid, .gamma.-oxo- | 178 | C10H10O3 | 002051-95-8 | 50   |



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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_F  
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| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|-------|--------|------|
|                    |        |         |       |          | #                     | RT    | Resp   | Conc |
| Butane, 2-metho... | 2.152  | 201.7   | ng    | 3802650  | 1                     | 6.875 | 377066 | 20.0 |
| 2-Pentanone, 4-... | 5.081  | 6.7     | ng    | 125965   | 1                     | 6.875 | 377066 | 20.0 |
| Benzophenone       | 10.621 | 2.1     | ng    | 55742    | 3                     | 9.910 | 528268 | 20.0 |