

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF061918\  
 Data File : BF106614.D  
 Acq On : 20 Jun 2018 6:19  
 Operator : JU/SJ  
 Sample : J3548-04  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 061318-DBRI-E-U-B

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 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-BF061918.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| 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         | 5.189       | 482           | 485         | 493          | rBV      | 65373          | 68500         | 2.63%           | 0.410%        |
| 2         | 5.601       | 552           | 555         | 568          | rBB      | 1011547        | 926513        | 35.59%          | 5.545%        |
| 3         | 6.595       | 721           | 724         | 731          | rBV      | 757695         | 647826        | 24.89%          | 3.877%        |
| 4         | 6.736       | 744           | 748         | 751          | rBV      | 1777476        | 1535860       | 59.00%          | 9.192%        |
| 5         | 6.960       | 782           | 786         | 790          | rBV      | 730422         | 584568        | 22.46%          | 3.499%        |
| 6         | 7.119       | 809           | 813         | 816          | rBV      | 2233570        | 2045730       | 78.59%          | 12.244%       |
| 7         | 7.525       | 877           | 882         | 885          | rBV      | 1607410        | 1705661       | 65.53%          | 10.208%       |
| 8         | 8.242       | 1000          | 1004        | 1008         | rBV      | 813832         | 659317        | 25.33%          | 3.946%        |
| 9         | 8.795       | 1095          | 1098        | 1102         | rBV      | 36913          | 28356         | 1.09%           | 0.170%        |
| 10        | 9.319       | 1182          | 1187        | 1190         | rBV      | 2804201        | 2603016       | 100.00%         | 15.579%       |
| 11        | 9.707       | 1250          | 1253        | 1261         | rVB      | 117212         | 96083         | 3.69%           | 0.575%        |
| 12        | 10.001      | 1300          | 1303        | 1311         | rVB      | 676458         | 596078        | 22.90%          | 3.568%        |
| 13        | 10.713      | 1421          | 1424        | 1428         | rVB      | 104050         | 80401         | 3.09%           | 0.481%        |
| 14        | 10.795      | 1434          | 1438        | 1441         | rBV      | 1045243        | 887231        | 34.08%          | 5.310%        |
| 15        | 11.495      | 1553          | 1557        | 1564         | rBV      | 633013         | 525225        | 20.18%          | 3.144%        |
| 16        | 13.083      | 1822          | 1827        | 1830         | rBV      | 2614189        | 2450243       | 94.13%          | 14.665%       |
| 17        | 13.959      | 1973          | 1976        | 1983         | rBV      | 42398          | 51656         | 1.98%           | 0.309%        |
| 18        | 14.148      | 2004          | 2008        | 2011         | rBV      | 768788         | 684578        | 26.30%          | 4.097%        |
| 19        | 15.683      | 2264          | 2269        | 2278         | rVB      | 385981         | 504315        | 19.37%          | 3.018%        |
| 20        | 16.142      | 2343          | 2347        | 2354         | rVB3     | 16501          | 27093         | 1.04%           | 0.162%        |

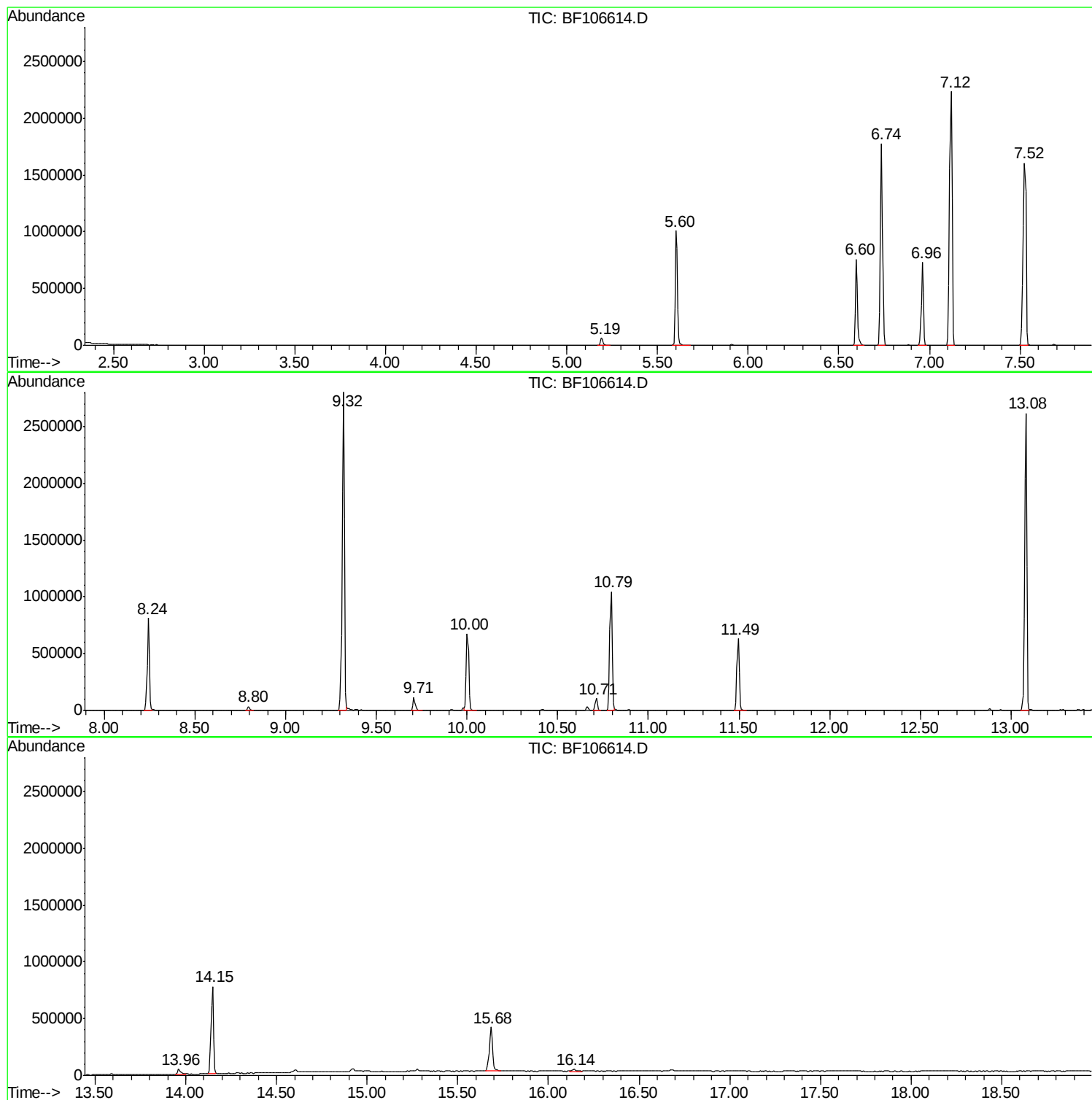
Sum of corrected areas: 16708250

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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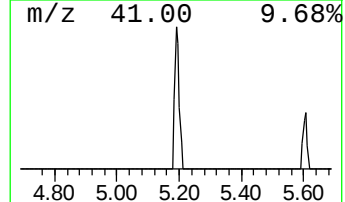
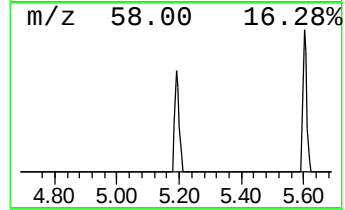
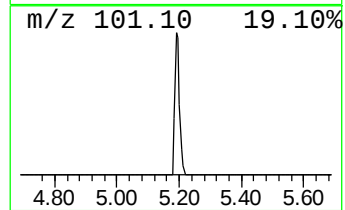
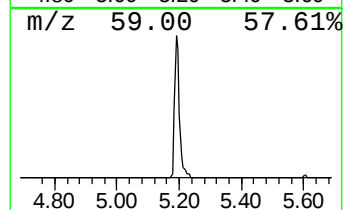
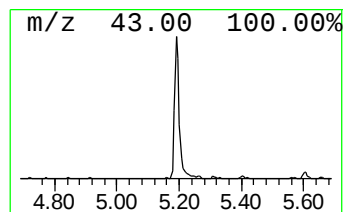
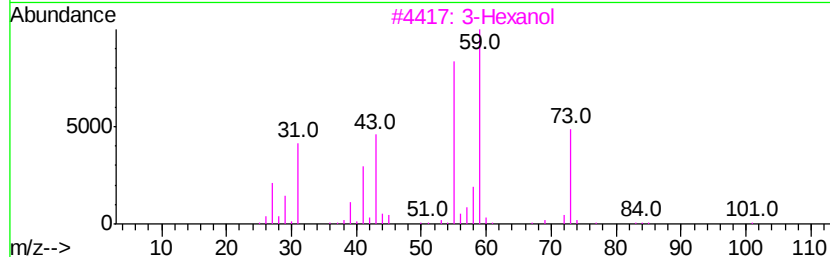
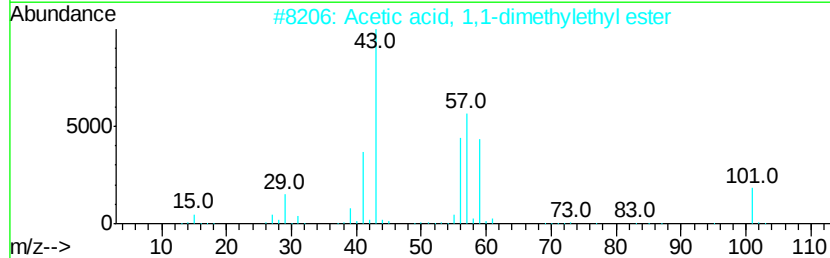
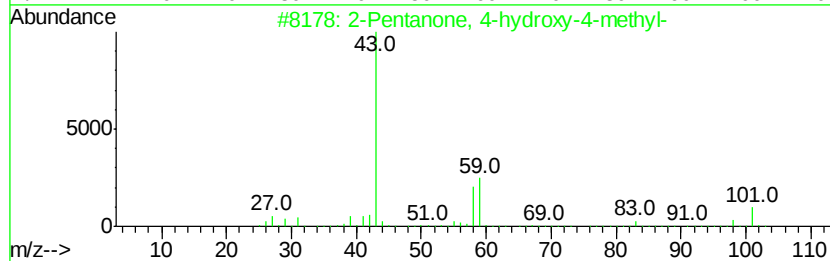
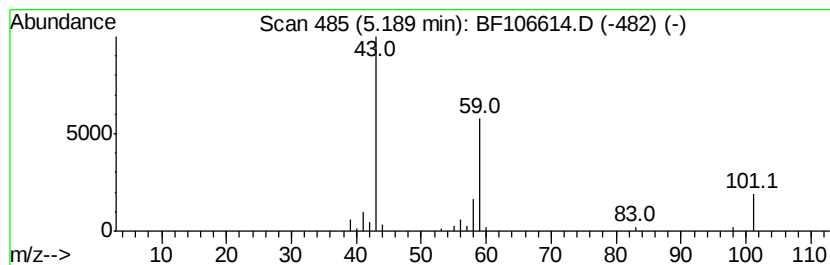
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 5.19 | 2.34 ng | 68500 | 1,4-Dichlorobenzene-d4 | 6.96 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 64   |
| 2    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2  | 000540-88-5 | 39   |
| 3    |    |   | 3-Hexanol                           | 102 | C6H14O   | 000623-37-0 | 28   |
| 4    |    |   | 3-Hexanol, 4-methyl-                | 116 | C7H16O   | 000615-29-2 | 28   |
| 5    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 17   |



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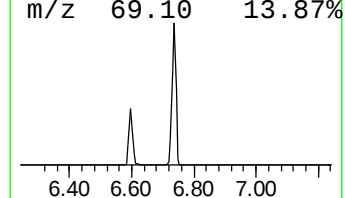
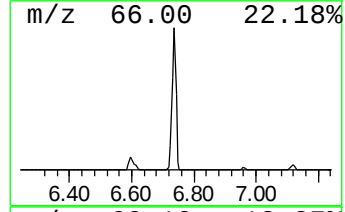
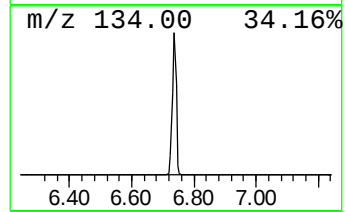
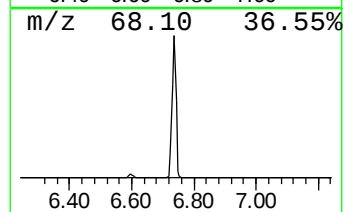
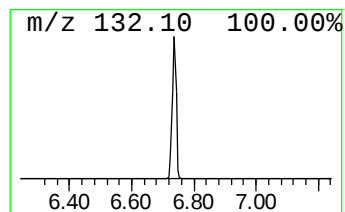
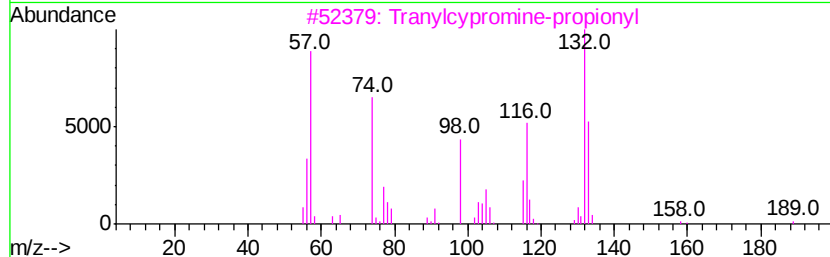
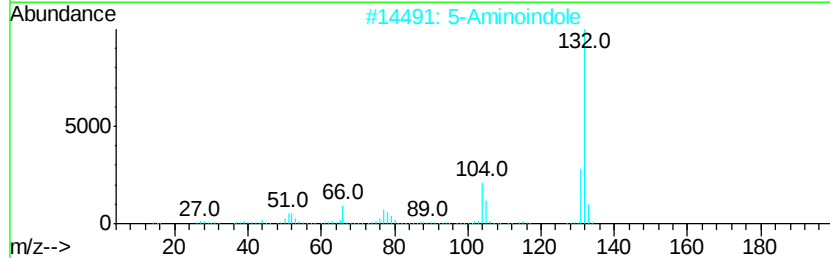
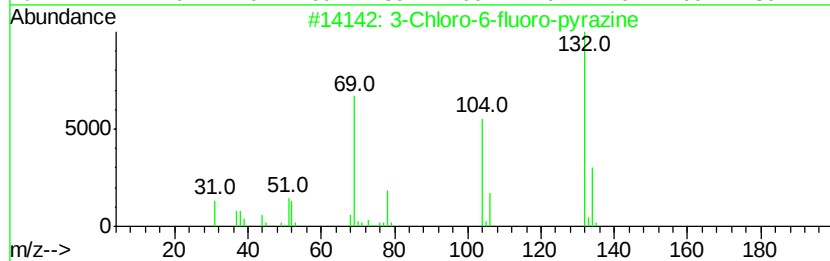
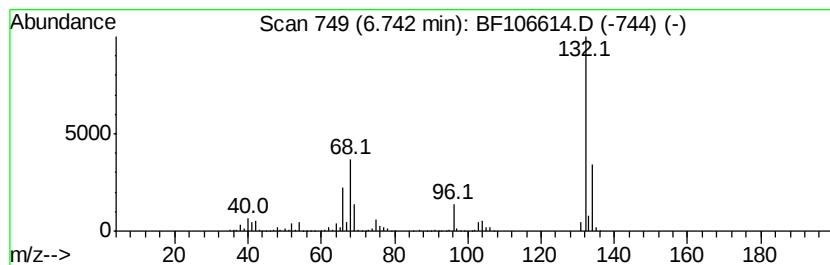
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Peak Number 2 unknown6.74 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.74 | 52.55 ng | 1535860 | 1,4-Dichlorobenzene-d4 | 6.96 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm   | CAS#         | Qual |
|------|----|---|--------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 3-Chloro-6-fluoro-pyrazine     | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    |   | 5-Aminoindole                  | 132 | C8H8N2    | 005192-03-0  | 12   |
| 3    |    |   | Tranvlcyproline-propionyl      | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 4    |    |   | 5-Fluoro-2-chloropyrimidine    | 132 | C4H2ClFN2 | 062802-42-0  | 9    |
| 5    |    |   | 1-Methylpyrrolo[1,2-a]pyrazine | 132 | C8H8N2    | 064608-59-9  | 9    |



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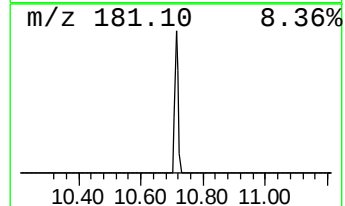
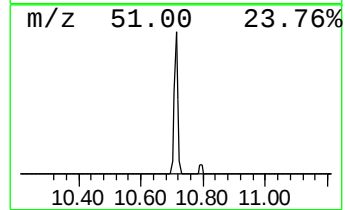
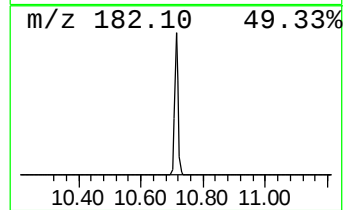
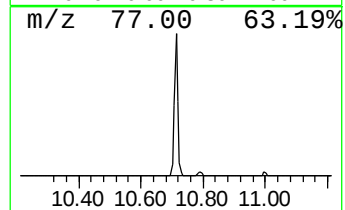
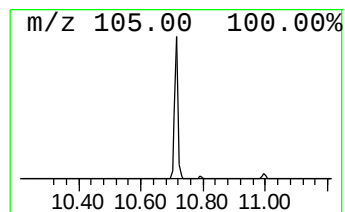
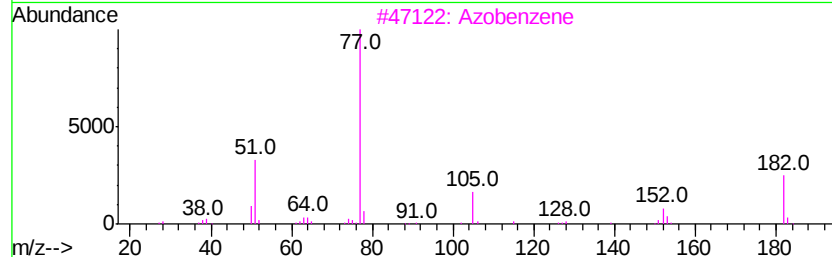
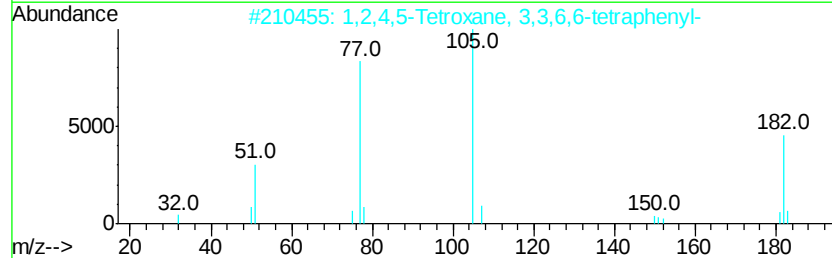
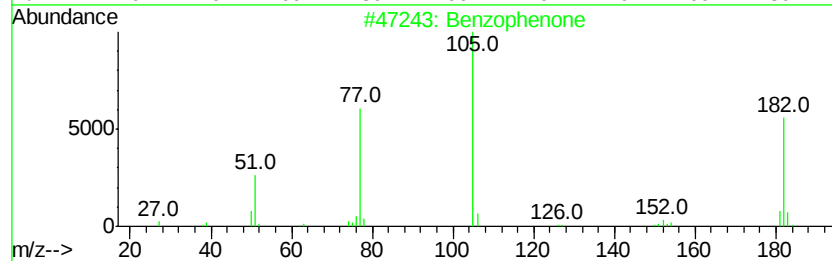
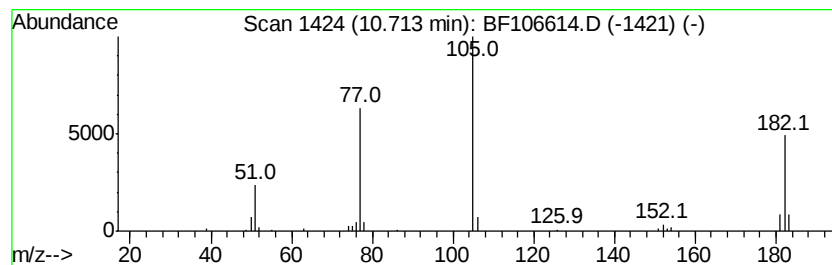
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Peak Number 4 Benzophenone Concentration Rank 3

| R.T.  | EstConc | Area  | Relative to ISTD | R.T.  |
|-------|---------|-------|------------------|-------|
| 10.71 | 2.70 ng | 80401 | Acenaphthene-d10 | 10.00 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Benzophenone                        | 182 | C13H10O   | 000119-61-9  | 96   |
| 2    |    | 1,2,4,5-Tetroxane, 3,3,6,6-tetra... | 396 | C26H20O4  | 016204-36-7  | 78   |
| 3    |    | Azobenzene                          | 182 | C12H10N2  | 000103-33-3  | 59   |
| 4    |    | Benzoic acid, pentafluorophenyl ... | 288 | C13H5F5O2 | 1000360-67-9 | 50   |
| 5    |    | Benzenebutanoic acid, .gamma.-oxo-  | 178 | C10H10O3  | 002051-95-8  | 47   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Pentanone, 4-hy... | 5.19  | 2.3     | ng    | 68500    | 1                     | 6.96  | 584568 | 20.0 |
| unknown6.74          | 6.74  | 52.5    | ng    | 1535860  | 1                     | 6.96  | 584568 | 20.0 |
| Benzophenone         | 10.71 | 2.7     | ng    | 80401    | 3                     | 10.00 | 596078 | 20.0 |