

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_F\DATA\BF012318\  
 Data File : BF102350.D  
 Acq On : 23 Jan 2018 19:02  
 Operator : SJ/JU  
 Sample : PB105888BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB105888BL

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:\HPCHEM1\BNA\_F\METHODS\8270-BF012218.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         | 4.922       | 476           | 482         | 490          | rVB      | 51274          | 70822         | 2.19%           | 0.264%        |
| 2         | 5.328       | 546           | 551         | 554          | rBV      | 2620231        | 2586998       | 80.05%          | 9.638%        |
| 3         | 6.357       | 721           | 726         | 729          | rBV      | 2505255        | 2510635       | 77.69%          | 9.354%        |
| 4         | 6.487       | 743           | 748         | 751          | rBV      | 2654843        | 2675490       | 82.79%          | 9.968%        |
| 5         | 6.710       | 783           | 786         | 793          | rBV      | 838441         | 753036        | 23.30%          | 2.806%        |
| 6         | 6.869       | 809           | 813         | 816          | rBV      | 2372778        | 2106787       | 65.19%          | 7.849%        |
| 7         | 7.281       | 878           | 883         | 886          | rBV      | 1681107        | 1656370       | 51.25%          | 6.171%        |
| 8         | 7.998       | 1000          | 1005        | 1008         | rBV      | 1030024        | 1025919       | 31.74%          | 3.822%        |
| 9         | 9.075       | 1182          | 1188        | 1191         | rBV      | 3147700        | 3106331       | 96.12%          | 11.573%       |
| 10        | 9.745       | 1297          | 1302        | 1310         | rBV      | 1129291        | 1152740       | 35.67%          | 4.295%        |
| 11        | 10.157      | 1366          | 1372        | 1381         | rVB      | 45078          | 74180         | 2.30%           | 0.276%        |
| 12        | 10.539      | 1432          | 1437        | 1453         | rBV      | 1859528        | 1827525       | 56.55%          | 6.809%        |
| 13        | 11.233      | 1551          | 1555        | 1562         | rBV      | 1357887        | 1193461       | 36.93%          | 4.446%        |
| 14        | 11.792      | 1646          | 1650        | 1654         | rBV      | 49156          | 61821         | 1.91%           | 0.230%        |
| 15        | 12.821      | 1820          | 1825        | 1828         | rBV      | 3141034        | 3231763       | 100.00%         | 12.040%       |
| 16        | 13.357      | 1911          | 1916        | 1919         | rBV      | 56542          | 64400         | 1.99%           | 0.240%        |
| 17        | 13.668      | 1962          | 1969        | 1972         | rBV      | 27145          | 42013         | 1.30%           | 0.157%        |
| 18        | 13.710      | 1972          | 1976        | 1978         | rVV      | 35319          | 47925         | 1.48%           | 0.179%        |
| 19        | 13.745      | 1978          | 1982        | 1987         | rVB      | 177911         | 201079        | 6.22%           | 0.749%        |
| 20        | 13.874      | 1996          | 2004        | 2007         | rBV      | 1217201        | 1353905       | 41.89%          | 5.044%        |
| 21        | 15.298      | 2240          | 2246        | 2255         | rBV      | 762953         | 1022831       | 31.65%          | 3.811%        |
| 22        | 15.721      | 2314          | 2318        | 2324         | rBV3     | 27769          | 42266         | 1.31%           | 0.157%        |
| 23        | 16.198      | 2393          | 2399        | 2403         | rVB4     | 17971          | 32625         | 1.01%           | 0.122%        |

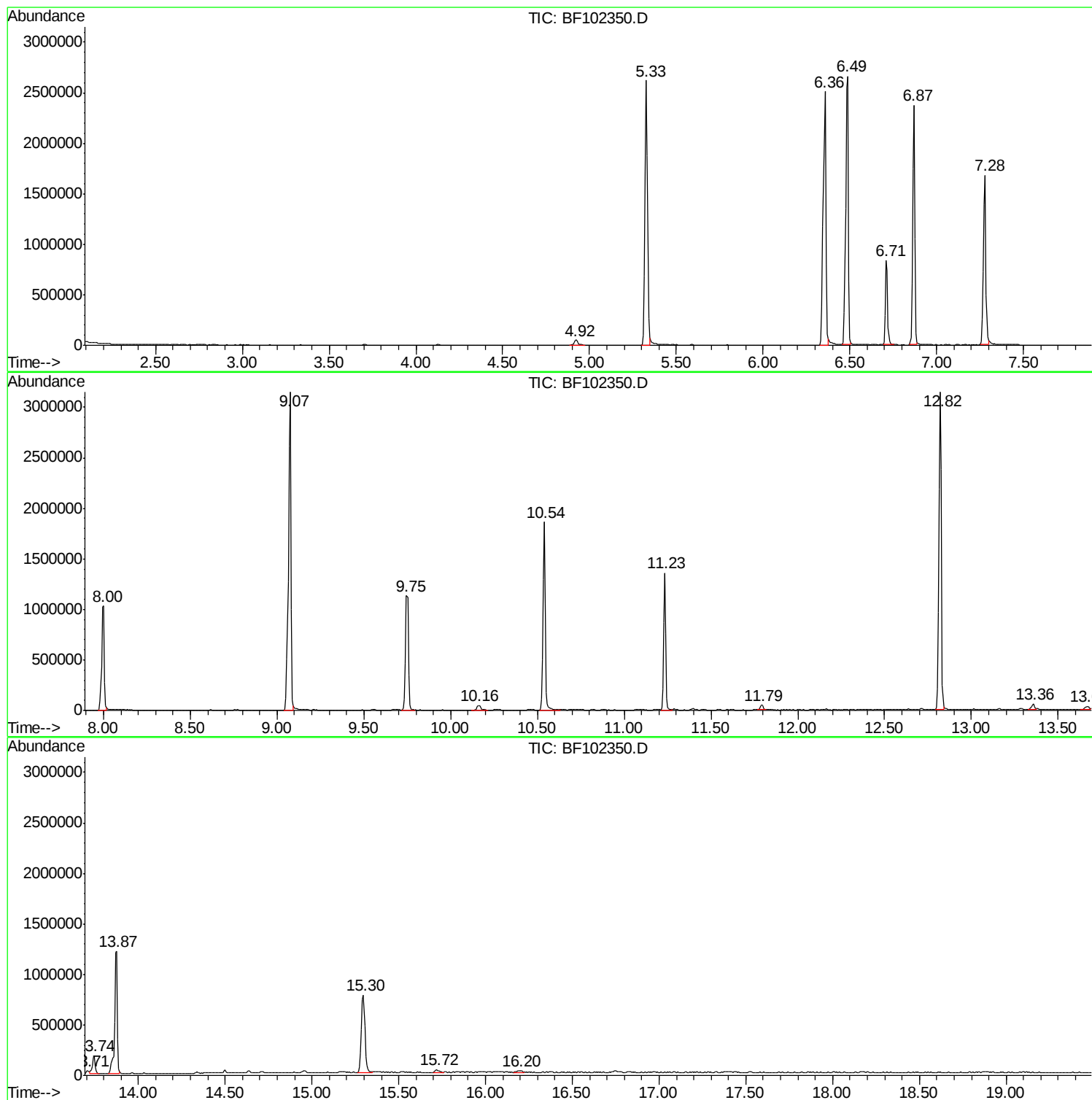
Sum of corrected areas: 26840922

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ClientSampleId :  
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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012218.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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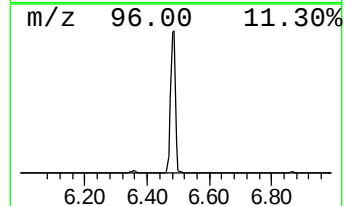
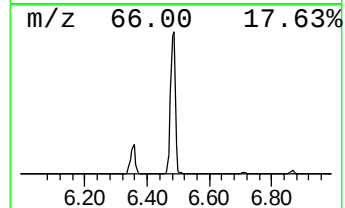
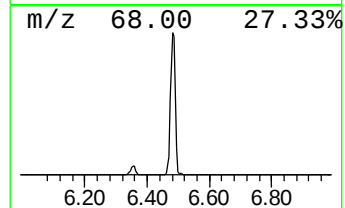
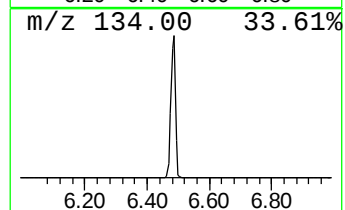
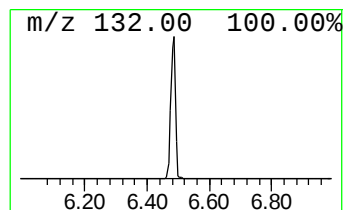
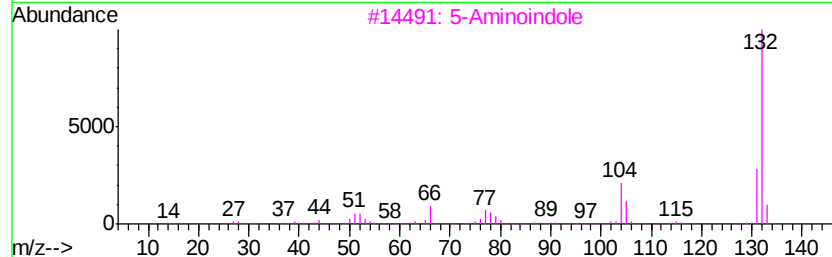
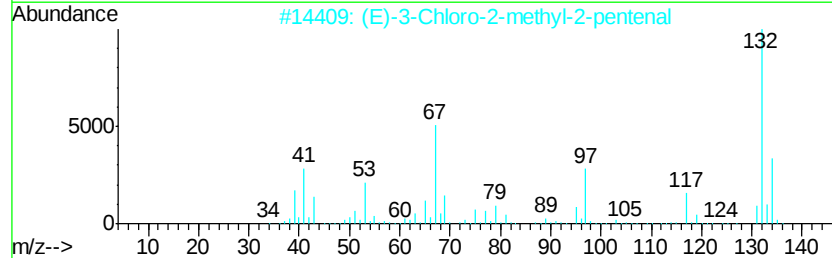
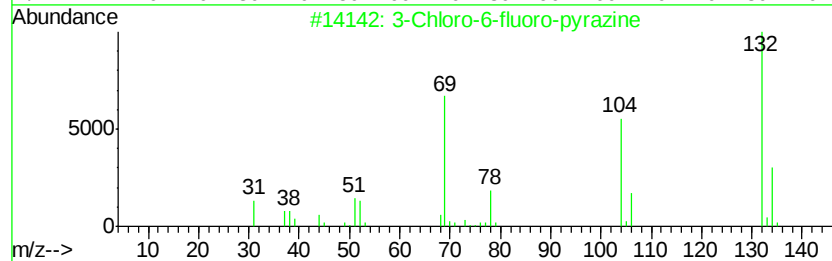
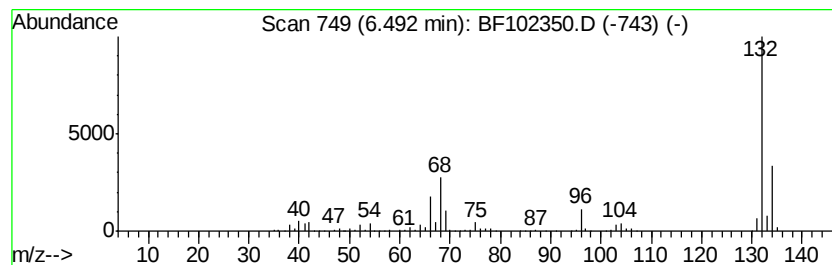
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown6.49 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.49 | 71.06 ng | 2675490 | 1,4-Dichlorobenzene-d4 | 6.71 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 35   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | 5-Aminoindole                    | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 9    |
| 5    |    | 4-Chloro-6-fluoro-pyrimidine     | 132 | C4H2ClFN2 | 051422-01-6  | 9    |



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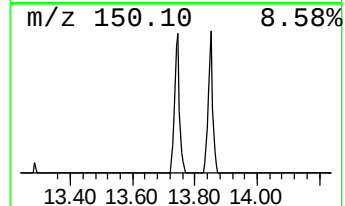
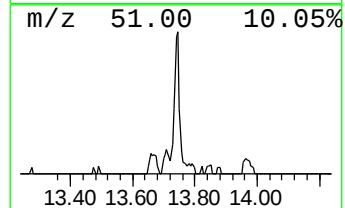
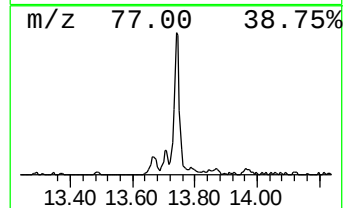
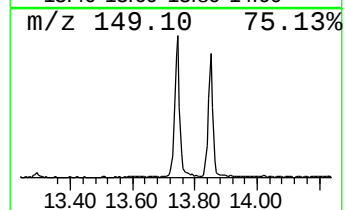
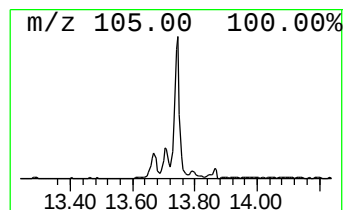
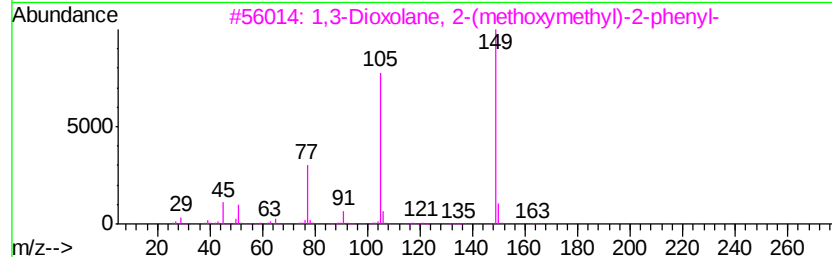
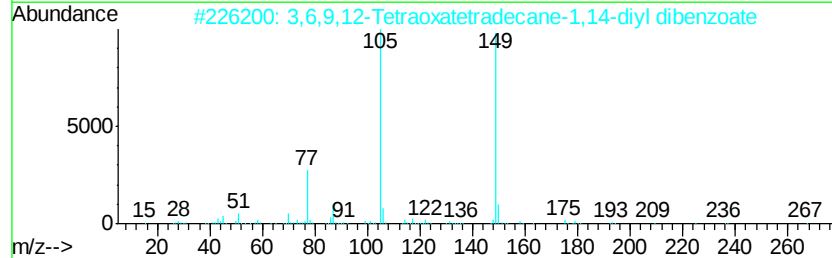
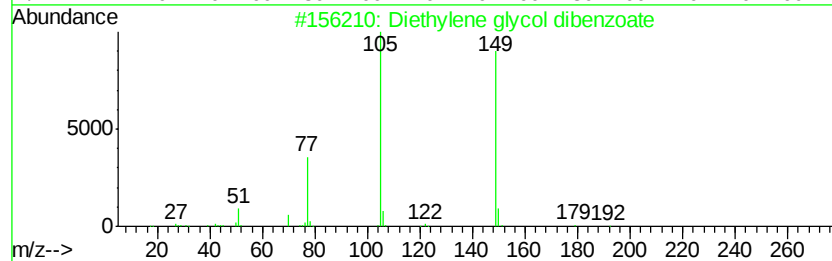
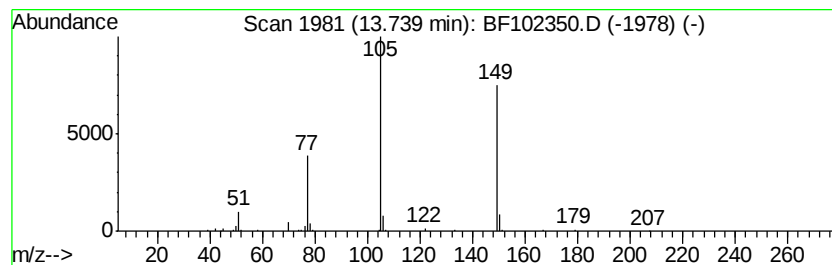
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Peak Number 3 Diethylene glycol dibenzoate Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.74 | 2.97 ng | 201079 | Chrysene-d12     | 13.87 |

| Hit# | of | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|-------------------------------------|-----|------------|--------------|------|
| 1    | 5  | Diethylene glycol dibenzoate        | 314 | C18H18O5   | 000120-55-8  | 90   |
| 2    |    | 3,6,9,12-Tetraoxatetradecane-1,1... | 446 | C24H30O8   | 1000366-97-0 | 83   |
| 3    |    | 1,3-Dioxolane, 2-(methoxymethyl)... | 194 | C11H14O3   | 1000156-71-2 | 78   |
| 4    |    | 2,2'-(Ethane-1,2-diylbis(oxy))bi... | 358 | C20H22O6   | 1000366-99-4 | 74   |
| 5    |    | Benzoic acid, 2-(2-chlorophenoxy... | 276 | C15H13ClO3 | 1000368-25-9 | 72   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| unknown6.49          | 6.49  | 71.1    | ng    | 2675490  | 1                     | 6.71  | 753036  | 20.0 |
| Diethylene glycol... | 13.74 | 3.0     | ng    | 201079   | 5                     | 13.87 | 1353910 | 20.0 |