

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062520\  
 Data File : BP002542.D  
 Acq On : 25 Jun 2020 15:29  
 Operator : CG/JU  
 Sample : L3094-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 BRENNAN-FL-001

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\_P\METHODS\8270-BP060520.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 5.204    | 387        | 394      | 410       | rBV   | 1636292     | 2701824    | 36.27%       | 5.733%     |
| 2      | 6.775    | 654        | 661      | 683       | rBV   | 1783003     | 3070613    | 41.22%       | 6.516%     |
| 3      | 7.587    | 792        | 799      | 809       | rBV   | 515414      | 830136     | 11.14%       | 1.762%     |
| 4      | 7.904    | 845        | 853      | 865       | rBV   | 1557538     | 2552854    | 34.27%       | 5.417%     |
| 5      | 8.728    | 985        | 993      | 1008      | rBV   | 1192248     | 2083775    | 27.97%       | 4.422%     |
| 6      | 10.357   | 1261       | 1270     | 1277      | rBV   | 704615      | 1198548    | 16.09%       | 2.543%     |
| 7      | 12.851   | 1687       | 1694     | 1718      | rBV   | 2945983     | 4619770    | 62.01%       | 9.803%     |
| 8      | 13.151   | 1739       | 1745     | 1752      | rBV   | 116814      | 190604     | 2.56%        | 0.404%     |
| 9      | 13.698   | 1831       | 1838     | 1851      | rBV   | 465445      | 690162     | 9.26%        | 1.465%     |
| 10     | 13.951   | 1876       | 1881     | 1890      | rVB   | 70927       | 114067     | 1.53%        | 0.242%     |
| 11     | 14.233   | 1922       | 1929     | 1937      | rBV2  | 1090529     | 1679717    | 22.55%       | 3.564%     |
| 12     | 14.833   | 2017       | 2031     | 2033      | rBV2  | 26448       | 99973      | 1.34%        | 0.212%     |
| 13     | 15.292   | 2103       | 2109     | 2115      | rBV   | 62224       | 93459      | 1.25%        | 0.198%     |
| 14     | 15.739   | 2178       | 2185     | 2197      | rBV   | 2406151     | 3712465    | 49.83%       | 7.878%     |
| 15     | 16.992   | 2392       | 2398     | 2402      | rBV   | 1476898     | 2134352    | 28.65%       | 4.529%     |
| 16     | 17.033   | 2402       | 2405     | 2412      | rVB   | 478041      | 671052     | 9.01%        | 1.424%     |
| 17     | 17.127   | 2417       | 2421     | 2427      | rVB   | 107185      | 152443     | 2.05%        | 0.323%     |
| 18     | 17.404   | 2464       | 2468     | 2479      | rVB   | 43474       | 77828      | 1.04%        | 0.165%     |
| 19     | 17.874   | 2543       | 2548     | 2552      | rBV   | 82103       | 122399     | 1.64%        | 0.260%     |
| 20     | 17.921   | 2552       | 2556     | 2560      | rVV   | 132091      | 166791     | 2.24%        | 0.354%     |
| 21     | 18.057   | 2574       | 2579     | 2583      | rBV2  | 116283      | 191981     | 2.58%        | 0.407%     |
| 22     | 18.098   | 2583       | 2586     | 2594      | rVB   | 65517       | 87001      | 1.17%        | 0.185%     |
| 23     | 18.774   | 2696       | 2701     | 2705      | rBV   | 76160       | 126445     | 1.70%        | 0.268%     |
| 24     | 19.021   | 2738       | 2743     | 2749      | rBV   | 630040      | 781570     | 10.49%       | 1.658%     |
| 25     | 19.374   | 2795       | 2803     | 2811      | rBV   | 563230      | 838313     | 11.25%       | 1.779%     |
| 26     | 19.586   | 2833       | 2839     | 2850      | rVB   | 5655737     | 7449878    | 100.00%      | 15.809%    |
| 27     | 19.862   | 2883       | 2886     | 2892      | rVB2  | 93867       | 121214     | 1.63%        | 0.257%     |
| 28     | 19.962   | 2899       | 2903     | 2906      | rBV   | 74617       | 91976      | 1.23%        | 0.195%     |
| 29     | 20.015   | 2909       | 2912     | 2917      | rVB2  | 69932       | 90804      | 1.22%        | 0.193%     |
| 30     | 20.792   | 3041       | 3044     | 3048      | rVB2  | 107121      | 134640     | 1.81%        | 0.286%     |
| 31     | 20.845   | 3048       | 3053     | 3057      | rBV2  | 763889      | 1074982    | 14.43%       | 2.281%     |
| 32     | 20.892   | 3057       | 3061     | 3071      | rVB   | 822266      | 1037774    | 13.93%       | 2.202%     |
| 33     | 21.104   | 3090       | 3097     | 3101      | rBV   | 2343490     | 3306088    | 44.38%       | 7.015%     |
| 34     | 21.139   | 3101       | 3103     | 3111      | rVB   | 278091      | 310190     | 4.16%        | 0.658%     |

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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_P  
ClientSampleId :  
BRENNAN-FL-001

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\_P\METHODS\8270-BP060520.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 21.215 | 3113 | 3116 | 3120 | rBV2 | 116688  | 140954  | 1.89%  | 0.299% |
| 36 | 21.280 | 3124 | 3127 | 3134 | rVV2 | 113834  | 174243  | 2.34%  | 0.370% |
| 37 | 21.709 | 3197 | 3200 | 3206 | rBV3 | 114926  | 159616  | 2.14%  | 0.339% |
| 38 | 22.168 | 3275 | 3278 | 3283 | rVB  | 164666  | 216482  | 2.91%  | 0.459% |
| 39 | 22.645 | 3355 | 3359 | 3361 | rBV  | 203726  | 313015  | 4.20%  | 0.664% |
| 40 | 23.209 | 3451 | 3455 | 3458 | rBV  | 189455  | 326667  | 4.38%  | 0.693% |
| 41 | 23.309 | 3465 | 3472 | 3487 | rVB  | 1632171 | 3188951 | 42.81% | 6.767% |

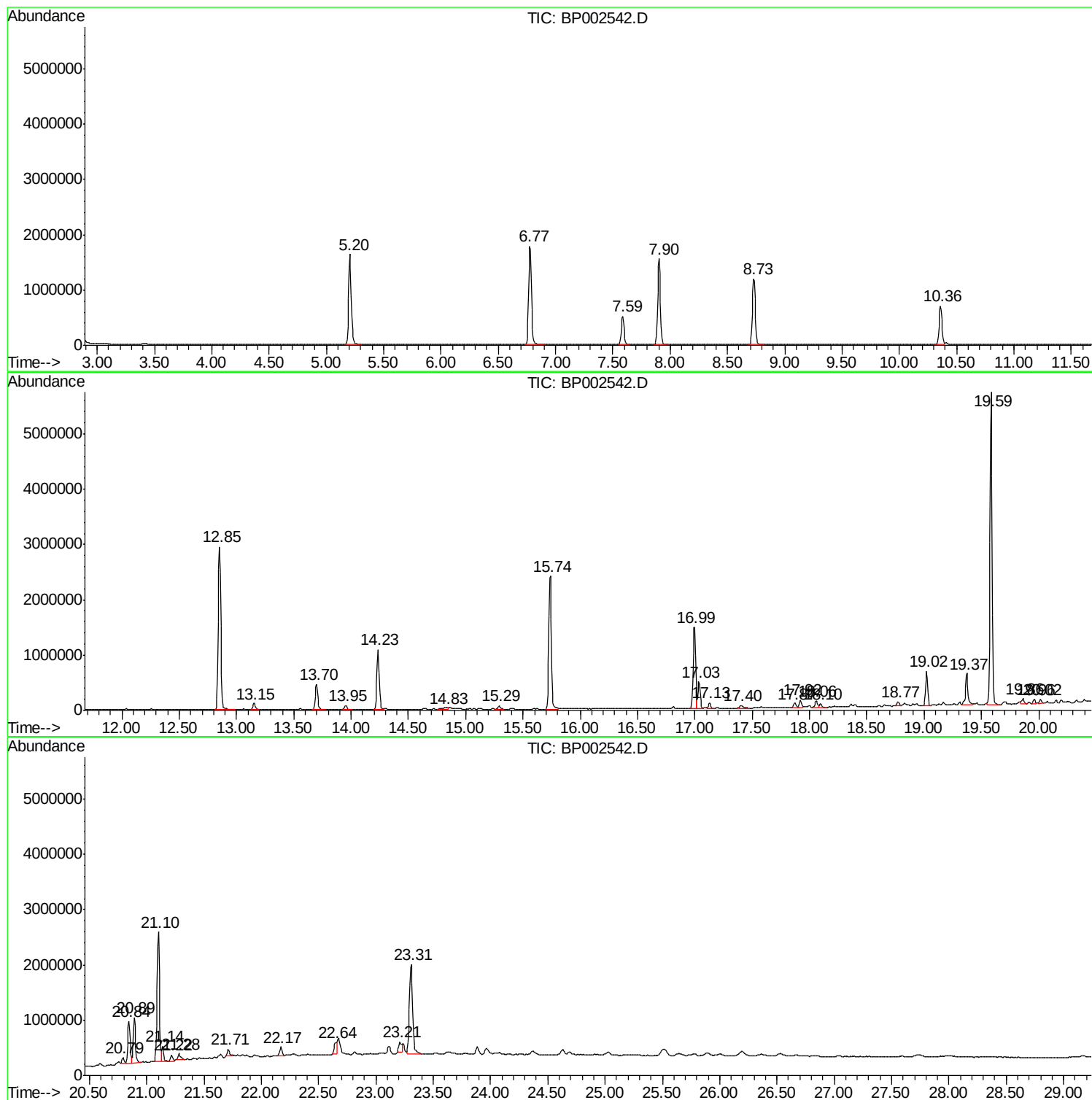
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BNA\_P  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : CG/JU  
Sample : L3094-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

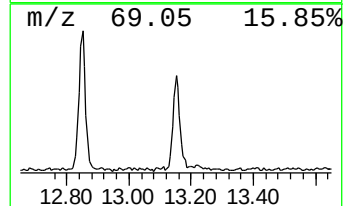
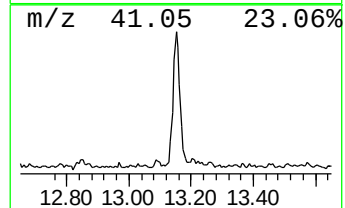
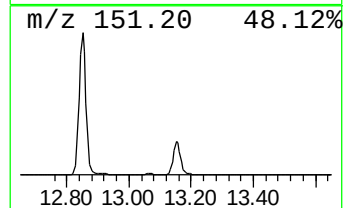
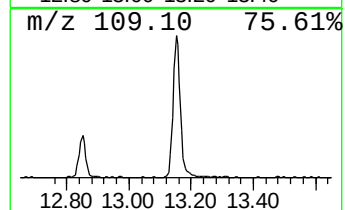
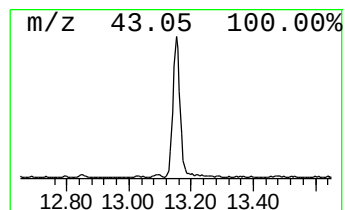
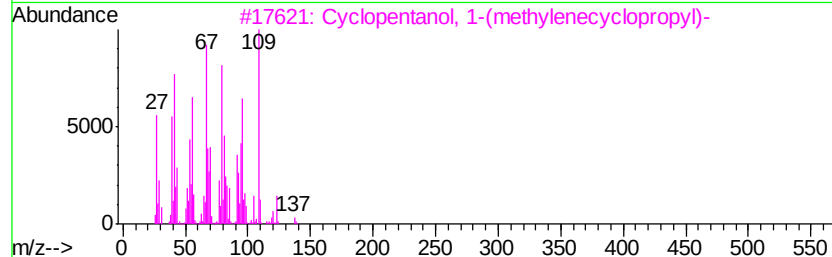
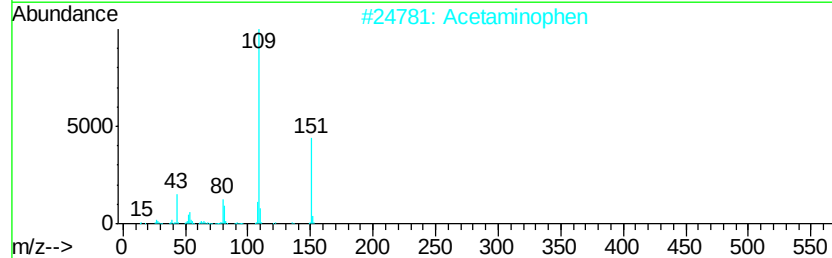
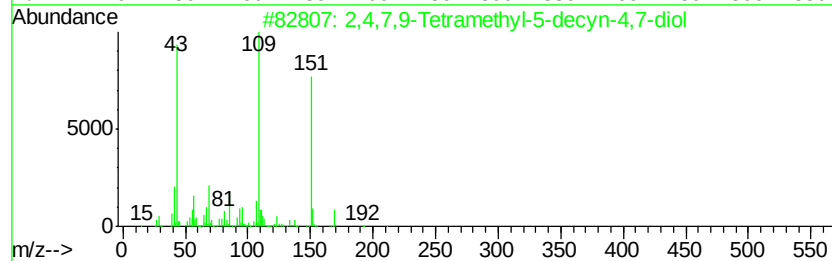
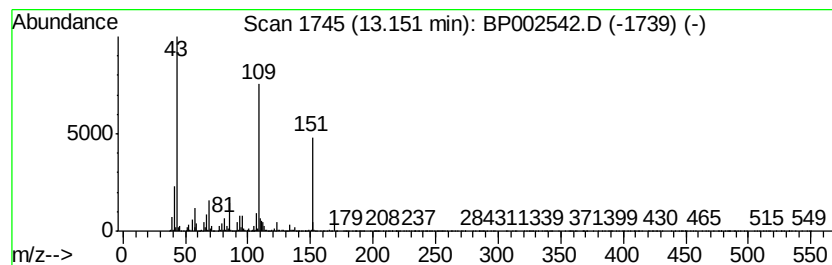
Instrument :  
BNA\_P  
ClientSampleId :  
BRENNAN-FL-001

Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.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 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 13.15     | 2.27 ng                             | 190604 | Acenaphthene-d10 | 14.23       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226    | C14H26O2         | 000126-86-3 | 91   |
| 2         | Acetaminophen                       | 151    | C8H9NO2          | 000103-90-2 | 59   |
| 3         | Cyclopentanol, 1-(methylenecyclo... | 138    | C9H14O           | 086951-58-8 | 55   |
| 4         | m-Isopropoxyaniline                 | 151    | C9H13NO          | 041406-00-2 | 45   |
| 5         | Metacetamol                         | 151    | C8H9NO2          | 000621-42-1 | 45   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M  
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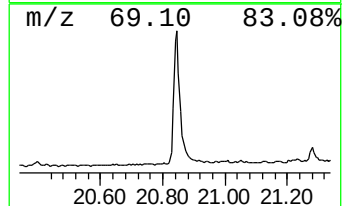
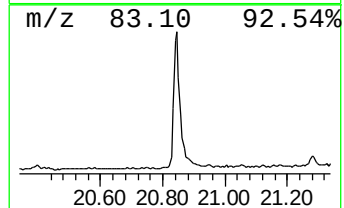
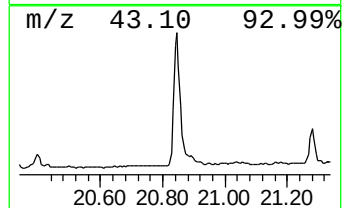
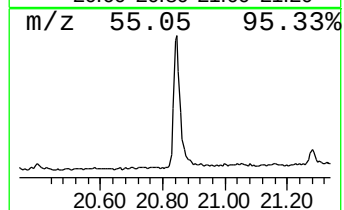
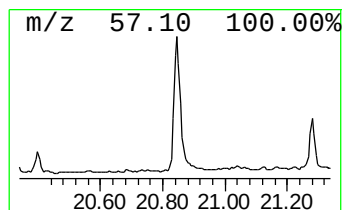
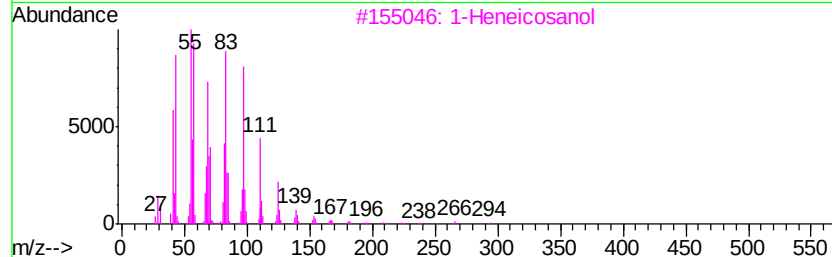
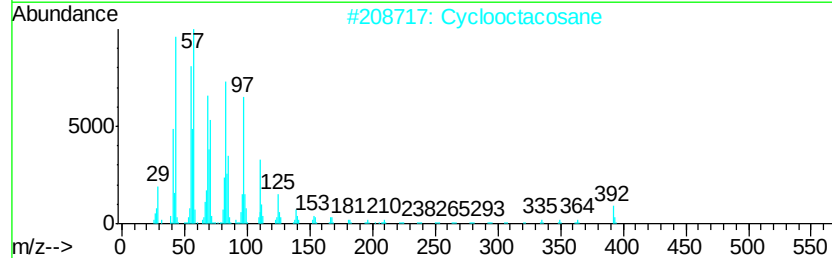
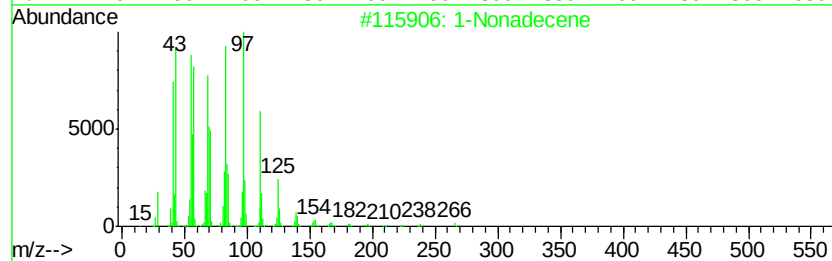
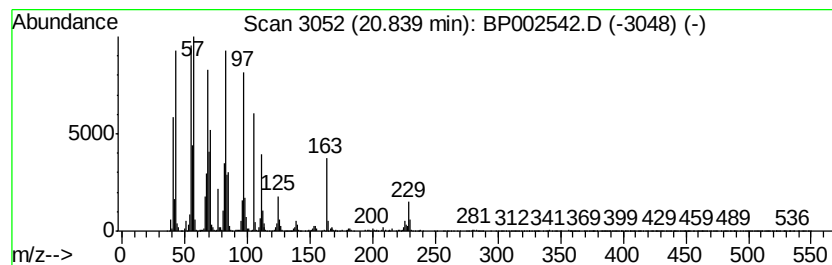
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 1-Nonadecene Concentration Rank 2

| R.T.  | EstConc | Area    | Relative to ISTD | R.T.  |
|-------|---------|---------|------------------|-------|
| 20.84 | 6.50 ng | 1074980 | Chrysene-d12     | 21.10 |

| Hit# of | 5                | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|------------------|--------------|-----|---------|-------------|------|
| 1       | 1-Nonadecene     |              | 266 | C19H38  | 018435-45-5 | 98   |
| 2       | Cyclooctacosane  |              | 392 | C28H56  | 000297-24-5 | 93   |
| 3       | 1-Heneicosanol   |              | 312 | C21H44O | 015594-90-8 | 93   |
| 4       | n-Tetracosanol-1 |              | 354 | C24H50O | 000506-51-4 | 93   |
| 5       | 9-Nonadecene     |              | 266 | C19H38  | 031035-07-1 | 91   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

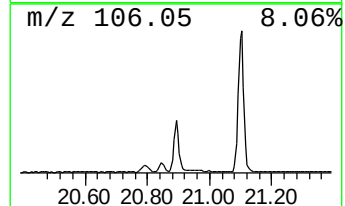
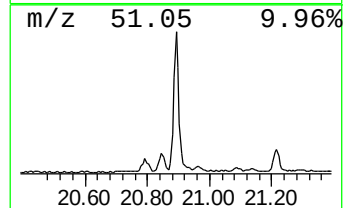
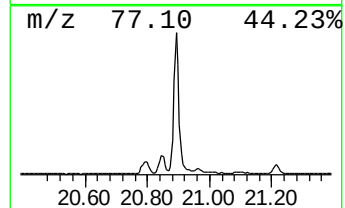
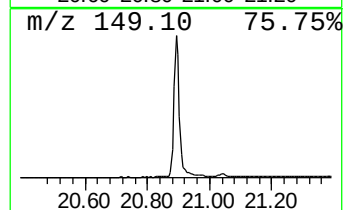
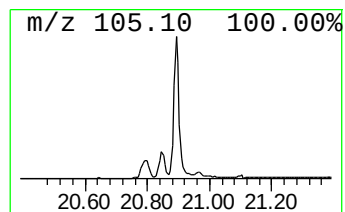
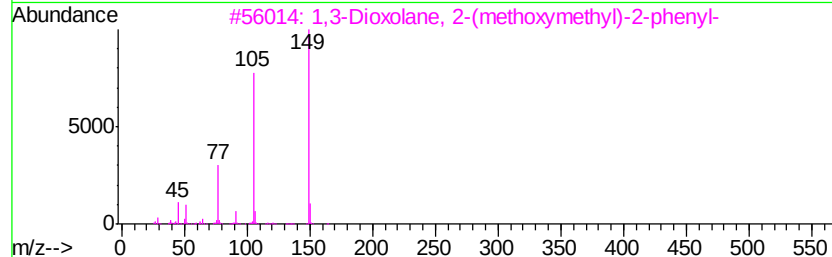
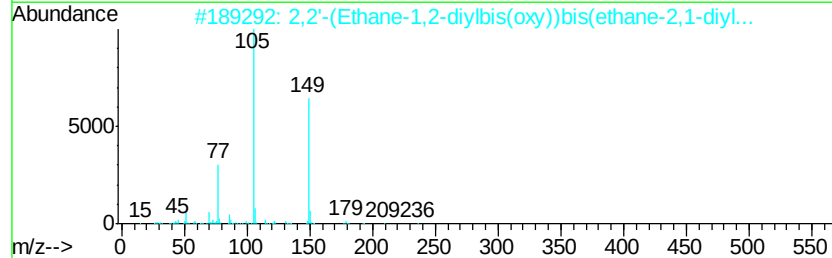
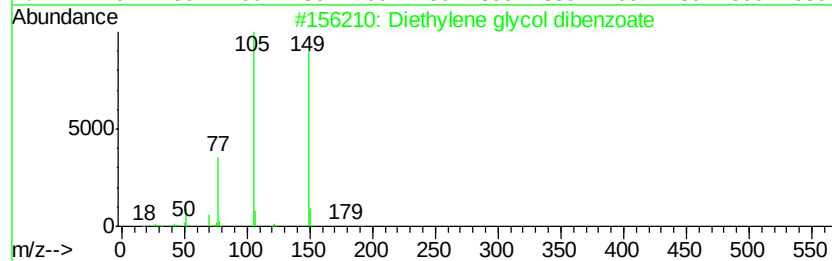
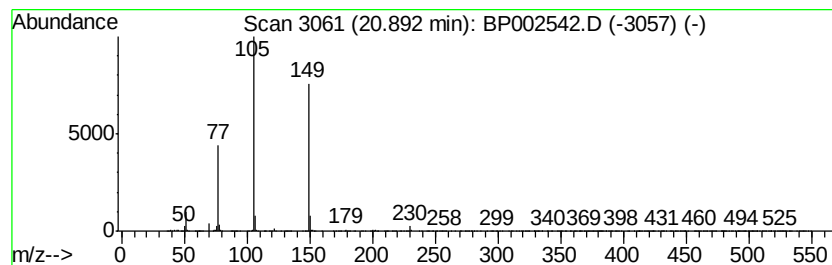
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Diethylene glycol dibenzoate Concentration Rank 3

| R.T.  | EstConc | Area    | Relative to ISTD | R.T.  |
|-------|---------|---------|------------------|-------|
| 20.89 | 6.28 ng | 1037770 | Chrysene-d12     | 21.10 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Diethylene glycol dibenzoate        | 314 | C18H18O5  | 000120-55-8  | 80   |
| 2    |    | 2,2'-(Ethane-1,2-diylbis(oxy))bi... | 358 | C20H22O6  | 1000366-99-4 | 74   |
| 3    |    | 1,3-Dioxolane, 2-(methoxymethyl)... | 194 | C11H14O3  | 1000156-71-2 | 74   |
| 4    |    | Benzoic acid, 2-(3-nitrophenyl)e... | 271 | C15H13NO4 | 1000368-22-4 | 56   |
| 5    |    | 3,6,9,12-Tetraoxatetradecane-1,1... | 446 | C24H30O8  | 1000366-97-0 | 50   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP060520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 2,4,7,9-Tetrameth... | 13.15 | 2.3     | ng    | 190604   | 3                     | 14.23 | 1679720 | 20.0 |
| 1-Nonadecene         | 20.84 | 6.5     | ng    | 1074980  | 5                     | 21.10 | 3306090 | 20.0 |
| Diethylene glycol... | 20.89 | 6.3     | ng    | 1037770  | 5                     | 21.10 | 3306090 | 20.0 |