

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\  
 Data File : BG016751.D  
 Acq On : 28 Apr 2015 4:00  
 Operator : TP/IZ  
 Sample : G1992-08  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TEC02

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\_G\METHODS\8270-BG042315.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         | 2.724       | 3             | 6           | 11           | rVB      | 121443         | 149917        | 6.89%           | 0.562%        |
| 2         | 2.771       | 11            | 14          | 21           | rVB      | 17985          | 24943         | 1.15%           | 0.094%        |
| 3         | 3.740       | 175           | 179         | 184          | rVB      | 15785          | 22308         | 1.03%           | 0.084%        |
| 4         | 4.681       | 333           | 339         | 349          | rBV      | 136458         | 197205        | 9.07%           | 0.739%        |
| 5         | 5.168       | 415           | 422         | 435          | rBV      | 921730         | 1327380       | 61.02%          | 4.977%        |
| 6         | 6.778       | 688           | 696         | 710          | rBV      | 904075         | 1455077       | 66.89%          | 5.456%        |
| 7         | 7.113       | 745           | 753         | 763          | rBV      | 997903         | 1560065       | 71.71%          | 5.850%        |
| 8         | 7.571       | 823           | 831         | 839          | rBV      | 261545         | 392944        | 18.06%          | 1.473%        |
| 9         | 7.889       | 878           | 885         | 894          | rBV      | 771399         | 1171592       | 53.86%          | 4.393%        |
| 10        | 8.729       | 1021          | 1028        | 1037         | rBV      | 522920         | 866614        | 39.84%          | 3.250%        |
| 11        | 10.356      | 1296          | 1305        | 1318         | rBV      | 365635         | 602614        | 27.70%          | 2.260%        |
| 12        | 12.842      | 1720          | 1728        | 1740         | rBV      | 1428278        | 1985454       | 91.27%          | 7.445%        |
| 13        | 13.688      | 1867          | 1872        | 1880         | rBV      | 88751          | 123590        | 5.68%           | 0.463%        |
| 14        | 14.222      | 1957          | 1963        | 1971         | rBV2     | 527751         | 797715        | 36.67%          | 2.991%        |
| 15        | 15.721      | 2211          | 2218        | 2228         | rBV      | 901376         | 1270220       | 58.39%          | 4.763%        |
| 16        | 15.944      | 2251          | 2256        | 2264         | rBV3     | 24754          | 49071         | 2.26%           | 0.184%        |
| 17        | 16.731      | 2386          | 2390        | 2395         | rBV3     | 25192          | 30566         | 1.41%           | 0.115%        |
| 18        | 16.790      | 2396          | 2400        | 2409         | rVB3     | 13763          | 23831         | 1.10%           | 0.089%        |
| 19        | 16.966      | 2424          | 2430        | 2435         | rBV2     | 613197         | 867742        | 39.89%          | 3.254%        |
| 20        | 17.013      | 2435          | 2438        | 2443         | rVB      | 148312         | 189034        | 8.69%           | 0.709%        |
| 21        | 17.101      | 2450          | 2453        | 2458         | rVB      | 22979          | 34525         | 1.59%           | 0.129%        |
| 22        | 17.383      | 2498          | 2501        | 2508         | rVB      | 16660          | 30244         | 1.39%           | 0.113%        |
| 23        | 17.471      | 2512          | 2516        | 2522         | rBV3     | 26104          | 38555         | 1.77%           | 0.145%        |
| 24        | 17.842      | 2575          | 2579        | 2581         | rVV      | 29631          | 36532         | 1.68%           | 0.137%        |
| 25        | 17.877      | 2581          | 2585        | 2596         | rVB2     | 105538         | 211714        | 9.73%           | 0.794%        |
| 26        | 18.035      | 2607          | 2612        | 2616         | rBV2     | 44474          | 78087         | 3.59%           | 0.293%        |
| 27        | 18.071      | 2616          | 2618        | 2626         | rVB2     | 25635          | 40115         | 1.84%           | 0.150%        |
| 28        | 18.159      | 2630          | 2633        | 2636         | rBV2     | 25602          | 31511         | 1.45%           | 0.118%        |
| 29        | 18.347      | 2661          | 2665        | 2669         | rBV      | 35638          | 52493         | 2.41%           | 0.197%        |
| 30        | 18.394      | 2669          | 2673        | 2679         | rVB2     | 37211          | 54376         | 2.50%           | 0.204%        |
| 31        | 18.764      | 2732          | 2736        | 2740         | rBV3     | 24789          | 39636         | 1.82%           | 0.149%        |
| 32        | 18.911      | 2757          | 2761        | 2768         | rVB3     | 29967          | 55635         | 2.56%           | 0.209%        |
| 33        | 19.034      | 2776          | 2782        | 2788         | rBV      | 763220         | 986844        | 45.36%          | 3.700%        |
| 34        | 19.164      | 2801          | 2804        | 2811         | rVB4     | 28468          | 52405         | 2.41%           | 0.197%        |

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 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TEC02

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\_G\METHODS\8270-BG042315.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 35 | 19.305 | 2821 | 2828 | 2833 | rVB2 | 250365  | 312549  | 14.37%  | 1.172% |
| 36 | 19.393 | 2839 | 2843 | 2852 | rVB  | 581674  | 916881  | 42.15%  | 3.438% |
| 37 | 19.469 | 2852 | 2856 | 2863 | rVB3 | 37887   | 56570   | 2.60%   | 0.212% |
| 38 | 19.604 | 2870 | 2879 | 2884 | rBV  | 1712224 | 2175453 | 100.00% | 8.157% |
| 39 | 19.722 | 2894 | 2899 | 2907 | rBV3 | 50720   | 117877  | 5.42%   | 0.442% |
| 40 | 19.857 | 2917 | 2922 | 2924 | rBV3 | 41510   | 64832   | 2.98%   | 0.243% |
| 41 | 19.892 | 2924 | 2928 | 2935 | rVB  | 132585  | 201955  | 9.28%   | 0.757% |
| 42 | 19.992 | 2941 | 2945 | 2949 | rBV  | 99483   | 116882  | 5.37%   | 0.438% |
| 43 | 20.051 | 2949 | 2955 | 2958 | rVV3 | 71035   | 122360  | 5.62%   | 0.459% |
| 44 | 20.086 | 2958 | 2961 | 2965 | rVB  | 45159   | 53073   | 2.44%   | 0.199% |
| 45 | 20.133 | 2966 | 2969 | 2974 | rVB3 | 23716   | 29913   | 1.38%   | 0.112% |
| 46 | 20.192 | 2975 | 2979 | 2982 | rBV  | 36606   | 45243   | 2.08%   | 0.170% |
| 47 | 20.239 | 2983 | 2987 | 2990 | rBV3 | 35545   | 49409   | 2.27%   | 0.185% |
| 48 | 20.350 | 3002 | 3006 | 3012 | rVB  | 186369  | 204522  | 9.40%   | 0.767% |
| 49 | 20.409 | 3013 | 3016 | 3020 | rVB2 | 36728   | 41164   | 1.89%   | 0.154% |
| 50 | 20.450 | 3020 | 3023 | 3026 | rBV4 | 32511   | 43709   | 2.01%   | 0.164% |
| 51 | 20.521 | 3032 | 3035 | 3039 | rVB3 | 28109   | 34409   | 1.58%   | 0.129% |
| 52 | 20.609 | 3045 | 3050 | 3052 | rBV4 | 25133   | 42591   | 1.96%   | 0.160% |
| 53 | 20.644 | 3052 | 3056 | 3062 | rVB  | 78780   | 116371  | 5.35%   | 0.436% |
| 54 | 20.803 | 3079 | 3083 | 3086 | rBV2 | 71892   | 93734   | 4.31%   | 0.351% |
| 55 | 20.844 | 3086 | 3090 | 3092 | rVV  | 76001   | 94929   | 4.36%   | 0.356% |
| 56 | 20.873 | 3092 | 3095 | 3102 | rVV3 | 251979  | 403091  | 18.53%  | 1.511% |
| 57 | 20.938 | 3102 | 3106 | 3116 | rVB2 | 86470   | 159511  | 7.33%   | 0.598% |
| 58 | 21.155 | 3133 | 3143 | 3147 | rBV2 | 883690  | 1707837 | 78.50%  | 6.404% |
| 59 | 21.191 | 3147 | 3149 | 3159 | rVB  | 501123  | 635304  | 29.20%  | 2.382% |
| 60 | 21.308 | 3165 | 3169 | 3176 | rBV  | 152844  | 187774  | 8.63%   | 0.704% |
| 61 | 21.467 | 3192 | 3196 | 3201 | rBV2 | 42185   | 74908   | 3.44%   | 0.281% |
| 62 | 21.696 | 3233 | 3235 | 3238 | rVB2 | 60768   | 53880   | 2.48%   | 0.202% |
| 63 | 21.731 | 3238 | 3241 | 3242 | rBV  | 62721   | 64443   | 2.96%   | 0.242% |
| 64 | 21.890 | 3265 | 3268 | 3270 | rBV2 | 38049   | 45012   | 2.07%   | 0.169% |
| 65 | 22.178 | 3312 | 3317 | 3321 | rBV5 | 64225   | 114943  | 5.28%   | 0.431% |
| 66 | 22.695 | 3398 | 3405 | 3410 | rBV  | 456857  | 1055249 | 48.51%  | 3.957% |
| 67 | 22.859 | 3430 | 3433 | 3438 | rVB  | 69755   | 106934  | 4.92%   | 0.401% |
| 68 | 23.165 | 3479 | 3485 | 3492 | rBV  | 267614  | 464012  | 21.33%  | 1.740% |
| 69 | 23.259 | 3495 | 3501 | 3507 | rVB  | 331303  | 600118  | 27.59%  | 2.250% |
| 70 | 23.353 | 3511 | 3517 | 3522 | rBV  | 482460  | 854038  | 39.26%  | 3.202% |
| 71 | 25.574 | 3890 | 3895 | 3907 | rVB2 | 125913  | 356597  | 16.39%  | 1.337% |

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Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TEC02

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:\HPCHEM1\BNA\_G\METHODS\8270-BG042315.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

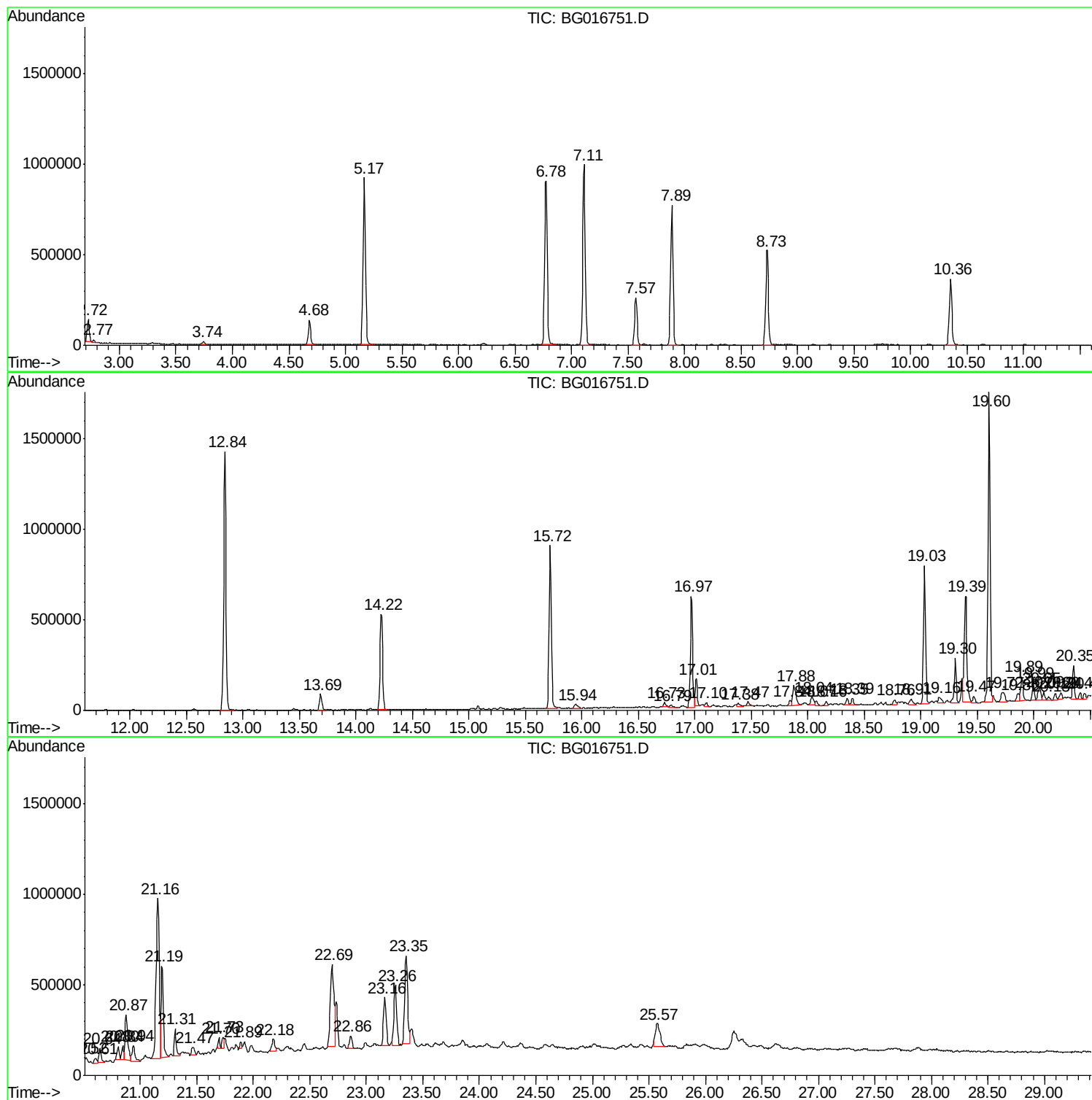
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Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\  
Data File : BG016751.D  
Acq On : 28 Apr 2015 4:00  
Operator : TP/IZ  
Sample : G1992-08  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TEC02

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\  
Data File : BG016751.D  
Acq On : 28 Apr 2015 4:00  
Operator : TP/IZ  
Sample : G1992-08  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TEC02

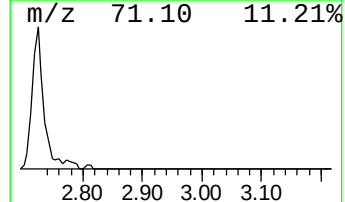
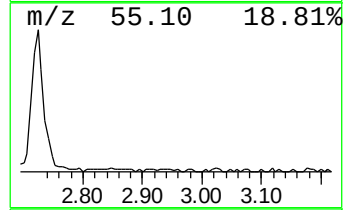
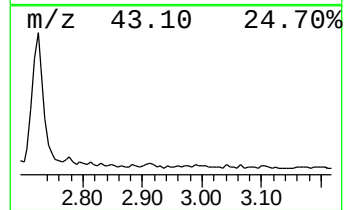
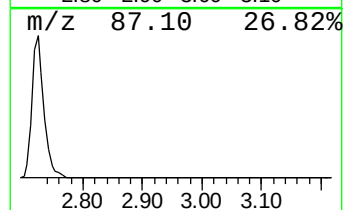
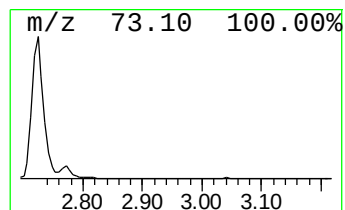
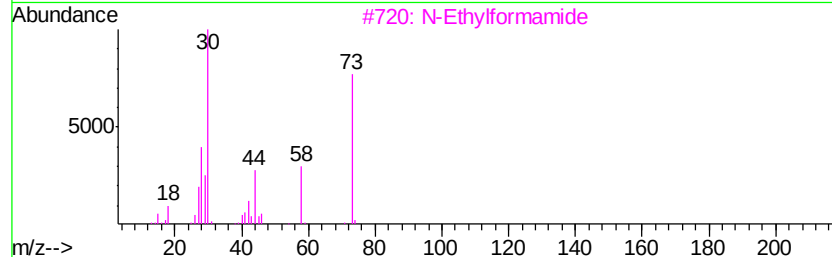
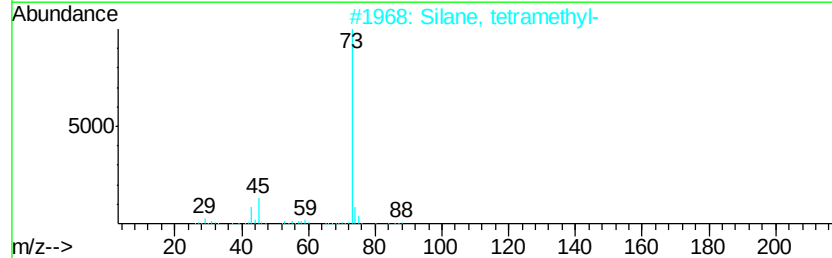
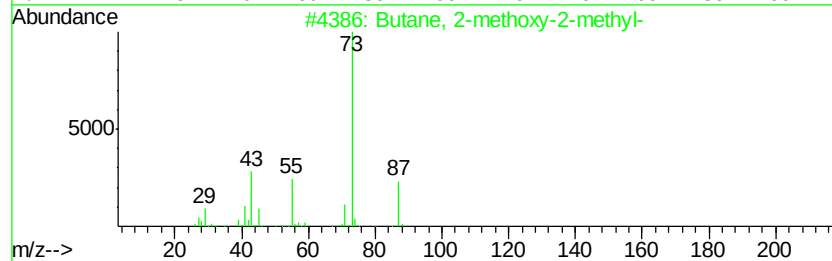
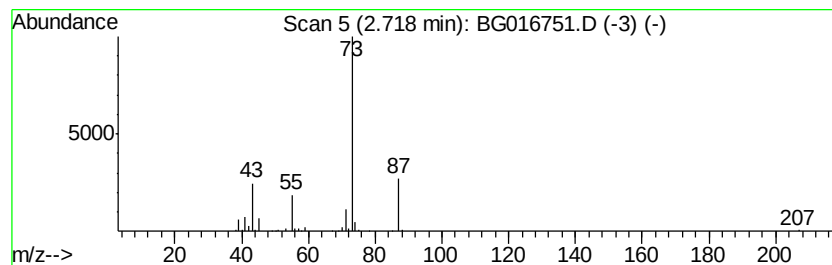
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

| R.T. | EstConc | Area   | Relative to ISTD       | R.T. |
|------|---------|--------|------------------------|------|
| 2.72 | 7.63 ng | 149917 | 1,4-Dichlorobenzene-d4 | 7.57 |

| Hit# | of | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl-        | 102 | C6H14O  | 000994-05-8 | 78   |
| 2    |    | Silane, tetramethyl-               | 88  | C4H12Si | 000075-76-3 | 9    |
| 3    |    | N-Ethylformamide                   | 73  | C3H7NO  | 000627-45-2 | 9    |
| 4    |    | Pentane, 3-methoxy-                | 102 | C6H14O  | 036839-67-5 | 9    |
| 5    |    | Butane, 2-methoxy-2,3,3-trimethyl- | 130 | C8H18O  | 027705-21-1 | 9    |



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Instrument :  
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ClientSampleId :  
TEC02

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

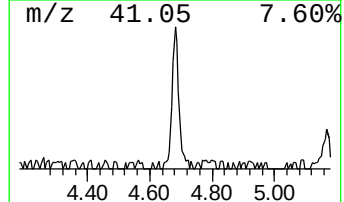
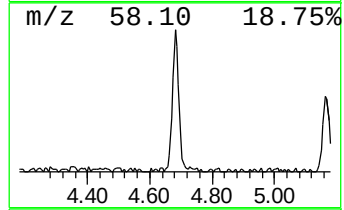
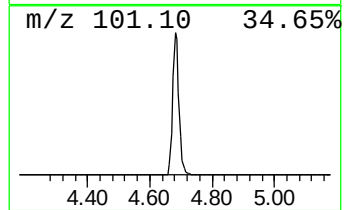
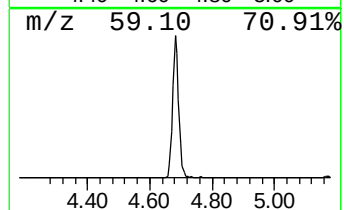
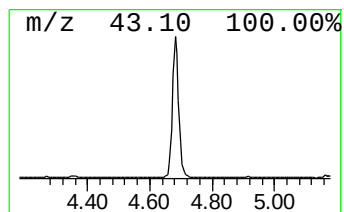
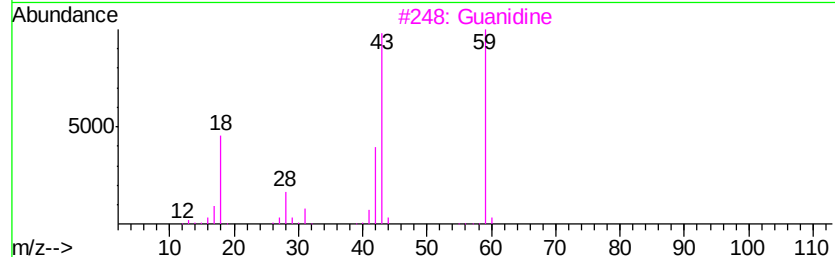
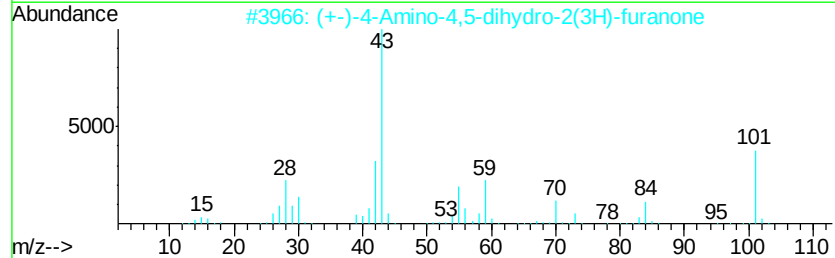
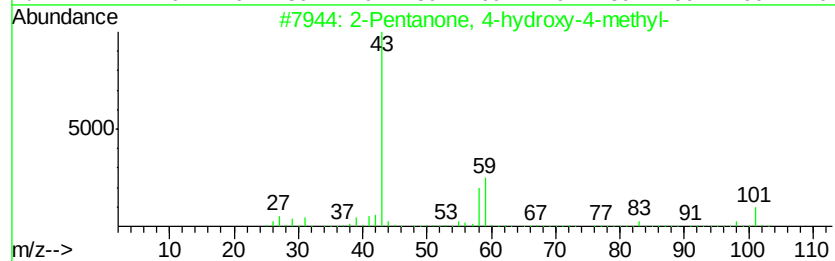
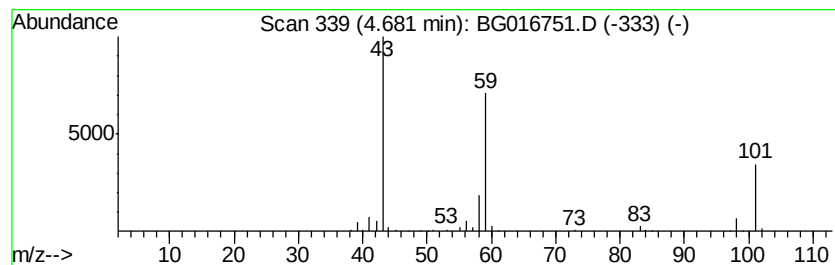
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 4.68 | 10.04 ng | 197205 | 1,4-Dichlorobenzene-d4 | 7.57 |

| Hit# | of | Tentative ID                           | MW  | MolForm  | CAS#        | Qual |
|------|----|----------------------------------------|-----|----------|-------------|------|
| 1    | 5  | 2-Pentanone, 4-hydroxy-4-methyl-       | 116 | C6H12O2  | 000123-42-2 | 50   |
| 2    |    | (+)-4-Amino-4,5-dihydro-2(3H)-furanone | 101 | C4H7NO2  | 016504-58-8 | 47   |
| 3    |    | Guanidine                              | 59  | CH5N3    | 000113-00-8 | 43   |
| 4    |    | 4-Hydroxy-3-hexanone                   | 116 | C6H12O2  | 004984-85-4 | 23   |
| 5    |    | Acetic acid, cyano-, 1,1-dimethyl-     | 141 | C7H11NO2 | 001116-98-9 | 17   |



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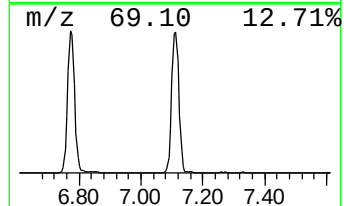
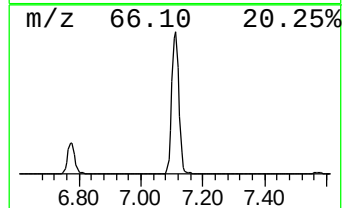
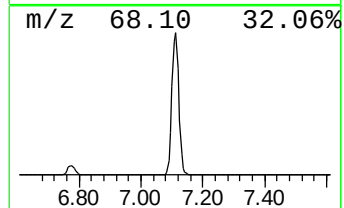
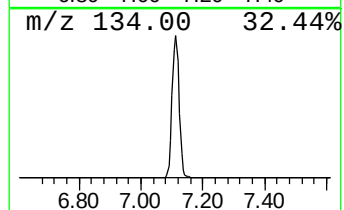
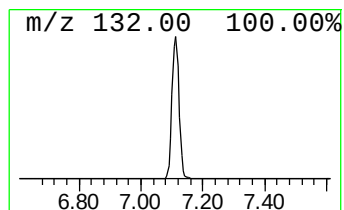
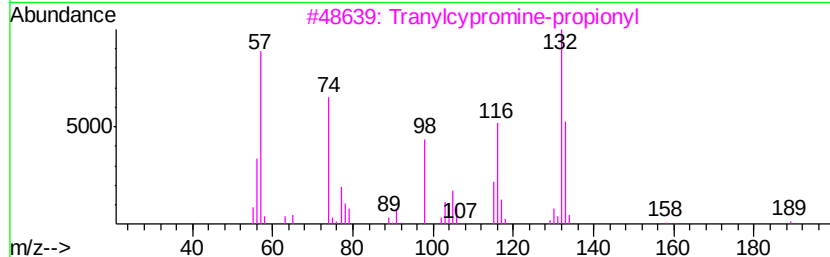
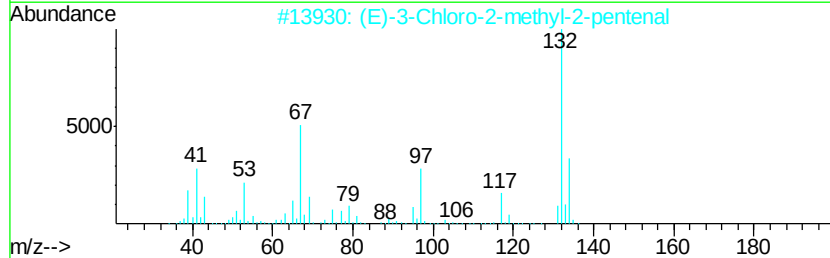
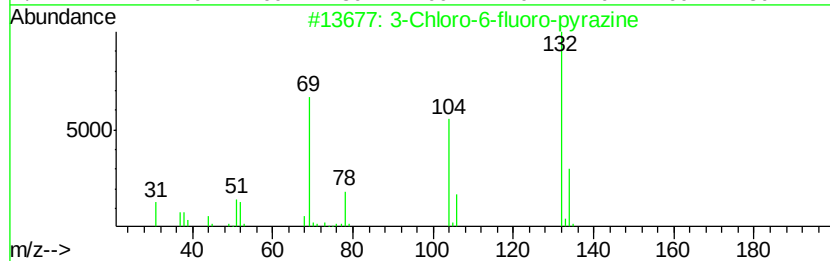
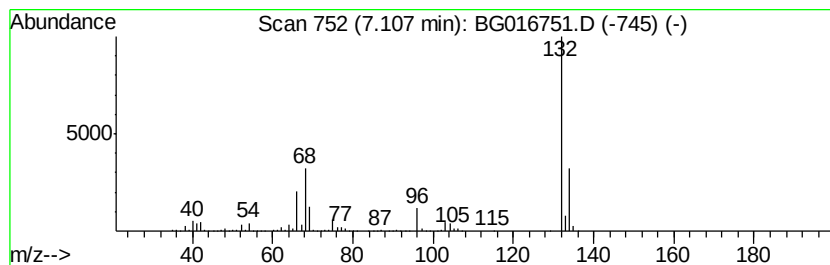
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 unknown7.11 Concentration Rank 1

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 7.11 | 79.40 ng | 1560070 | 1,4-Dichlorobenzene-d4 | 7.57 |

| Hit# | of | Tentative ID                     | MW  | MolForm   | CAS#         | Qual |
|------|----|----------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine       | 132 | C4H2ClFN2 | 1000146-10-7 | 25   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal | 132 | C6H9ClO   | 031357-76-3  | 17   |
| 3    |    | Tranvlcypropine-propionyl        | 189 | C12H15NO  | 1000123-86-3 | 12   |
| 4    |    | 5-Fluoro-2-chloropyrimidine      | 132 | C4H2ClFN2 | 062802-42-0  | 9    |
| 5    |    | 4-Methylpyrrolo[1,2-a]pyrazine   | 132 | C8H8N2    | 064608-60-2  | 9    |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\  
Data File : BG016751.D  
Acq On : 28 Apr 2015 4:00  
Operator : TP/IZ  
Sample : G1992-08  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

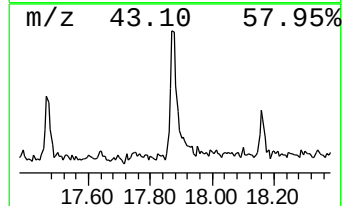
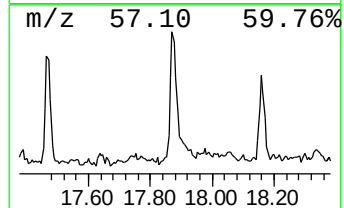
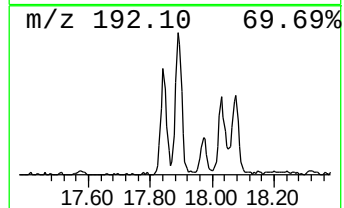
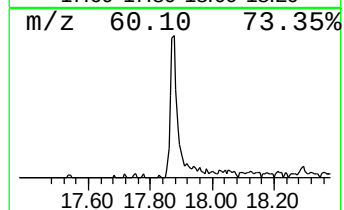
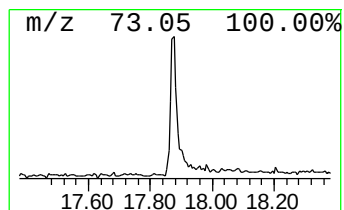
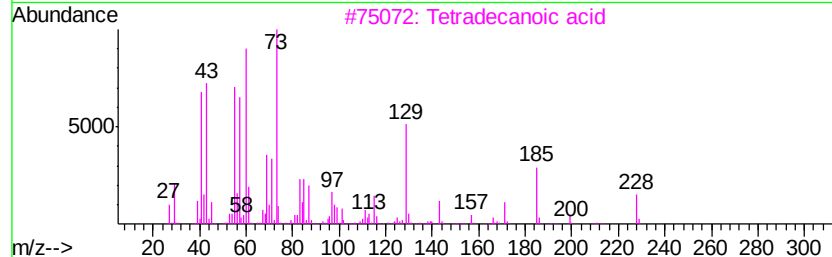
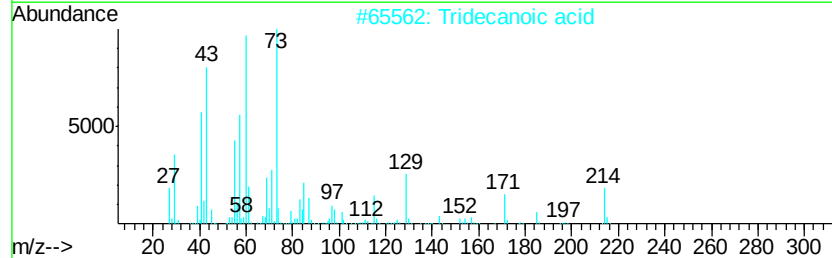
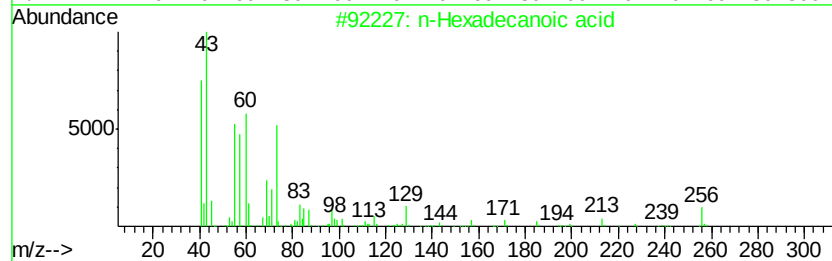
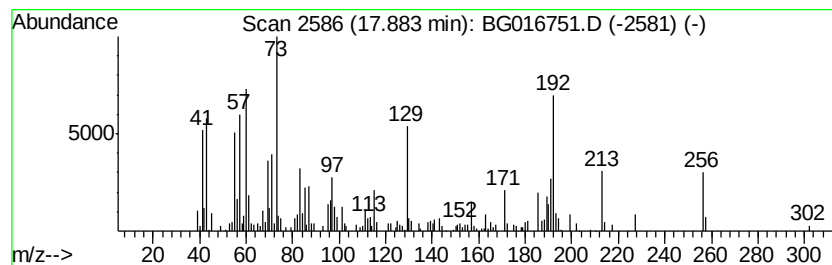
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ClientSampleId :  
TEC02

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

| R.T.      | EstConc             | Area   | Relative to ISTD |             | R.T.  |
|-----------|---------------------|--------|------------------|-------------|-------|
| 17.88     | 4.88 ng             | 211714 | Phenanthrene-d10 |             | 16.97 |
| Hit# of 5 | Tentative ID        | MW     | MolForm          | CAS#        | Qual  |
| 1         | n-Hexadecanoic acid | 256    | C16H32O2         | 000057-10-3 | 99    |
| 2         | Tridecanoic acid    | 214    | C13H26O2         | 000638-53-9 | 93    |
| 3         | Tetradecanoic acid  | 228    | C14H28O2         | 000544-63-8 | 72    |
| 4         | n-Decanoic acid     | 172    | C10H20O2         | 000334-48-5 | 70    |
| 5         | Dodecanoic acid     | 200    | C12H24O2         | 000143-07-7 | 49    |





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\  
Data File : BG016751.D  
Acq On : 28 Apr 2015 4:00  
Operator : TP/IZ  
Sample : G1992-08  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TEC02

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

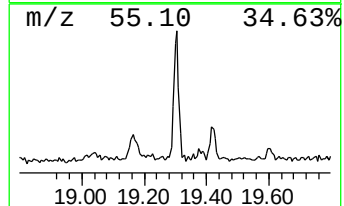
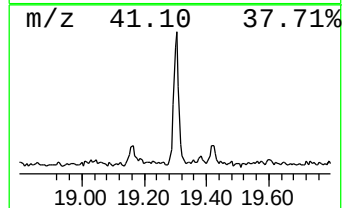
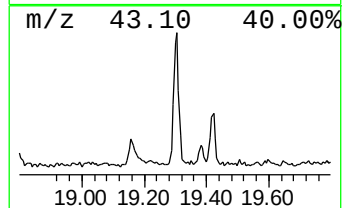
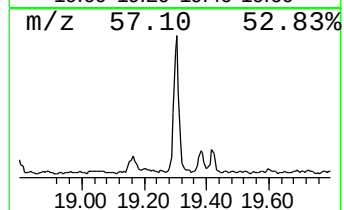
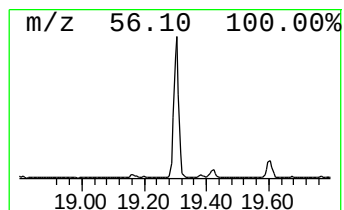
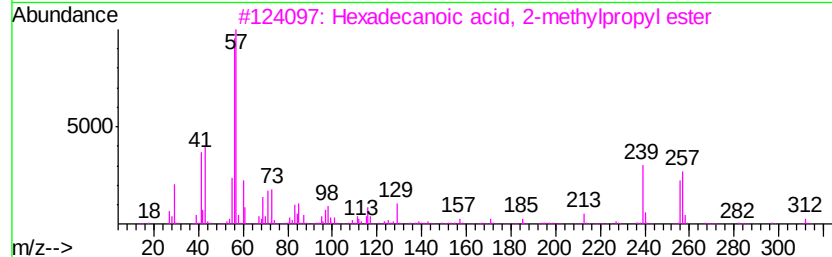
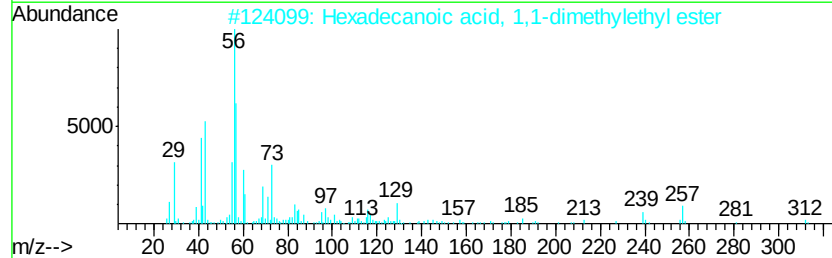
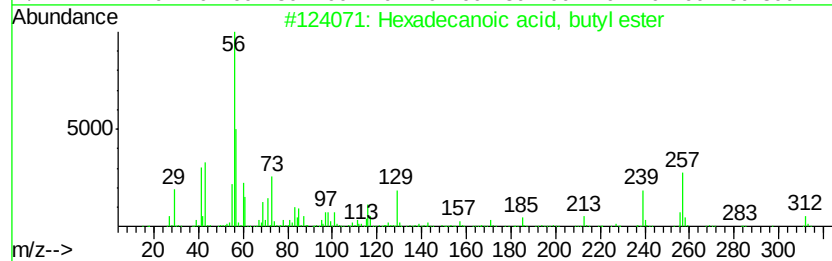
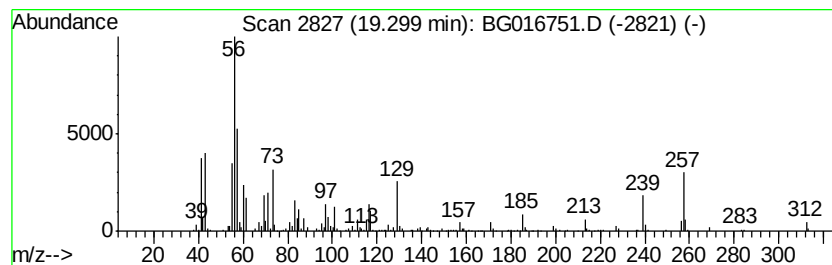
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 8

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 19.30 | 3.66 ng | 312549 | Chrysene-d12     | 21.16 |

| Hit# | of | Tentative ID                         | MW  | MolForm  | CAS#        | Qual |
|------|----|--------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Hexadecanoic acid, butyl ester       | 312 | C20H40O2 | 000111-06-8 | 99   |
| 2    |    | Hexadecanoic acid, 1,1-dimethyle...  | 312 | C20H40O2 | 031158-91-5 | 78   |
| 3    |    | Hexadecanoic acid, 2-methylpropyl... | 312 | C20H40O2 | 000110-34-9 | 70   |
| 4    |    | Nipecotic acid                       | 129 | C6H11NO2 | 000498-95-3 | 43   |
| 5    |    | 1-Hexene, 2,5-dimethyl-              | 112 | C8H16    | 006975-92-4 | 30   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\  
Data File : BG016751.D  
Acq On : 28 Apr 2015 4:00  
Operator : TP/IZ  
Sample : G1992-08  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TEC02

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

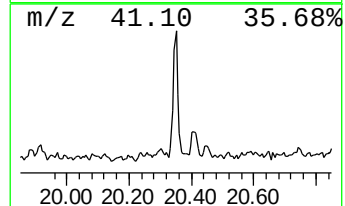
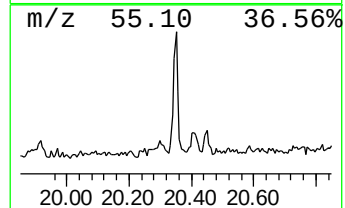
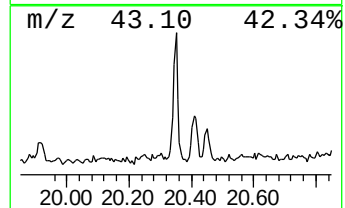
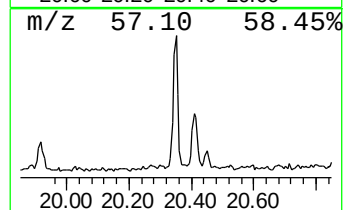
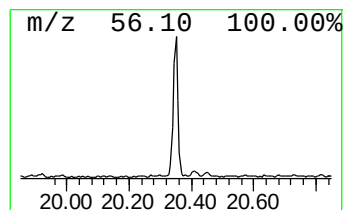
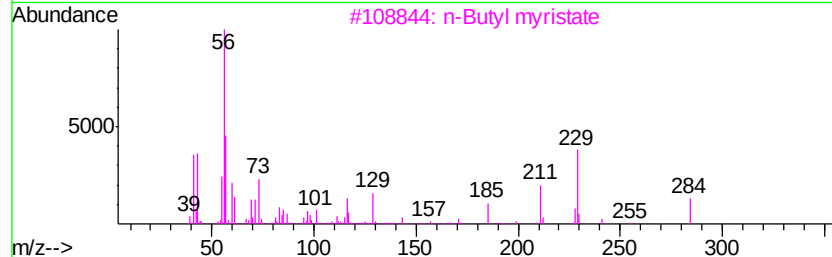
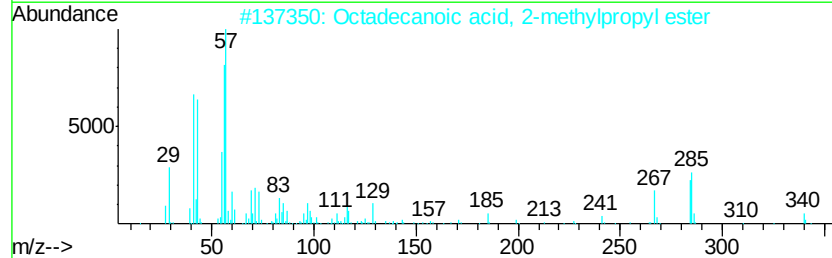
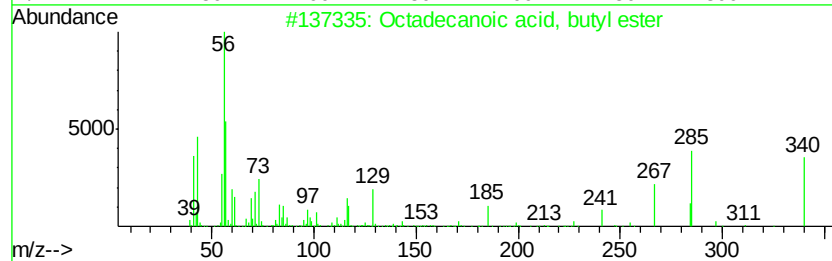
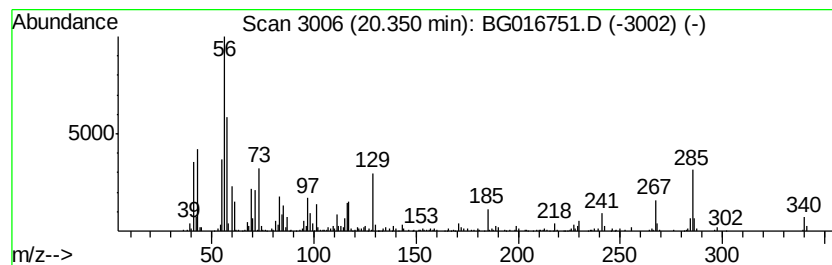
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Octadecanoic acid, butyl ester Concentration Rank 10

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 20.35 | 2.40 ng | 204522 | Chrysene-d12     | 21.16 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|-------------------------------------|-----|-----------|-------------|------|
| 1    | 5  | Octadecanoic acid, butyl ester      | 340 | C22H44O2  | 000123-95-5 | 98   |
| 2    |    | Octadecanoic acid, 2-methylpropy... | 340 | C22H44O2  | 000646-13-9 | 94   |
| 3    |    | n-Butyl myristate                   | 284 | C18H36O2  | 000110-36-1 | 52   |
| 4    |    | Nipecotic acid                      | 129 | C6H11NO2  | 000498-95-3 | 47   |
| 5    |    | 2-Butenenitrile, 3-(2,3-dimethyl... | 268 | C15H16N4O | 153901-34-9 | 35   |



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\  
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Operator : TP/IZ  
Sample : G1992-08  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

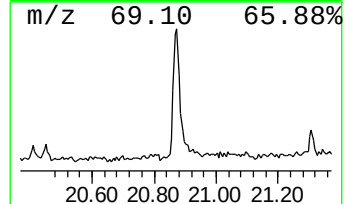
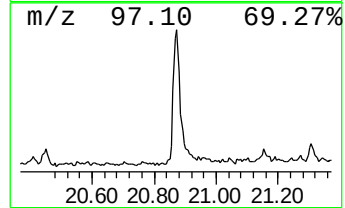
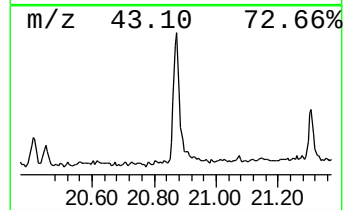
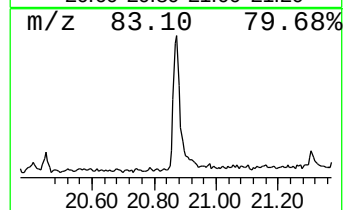
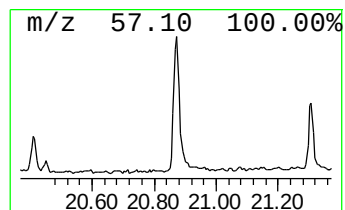
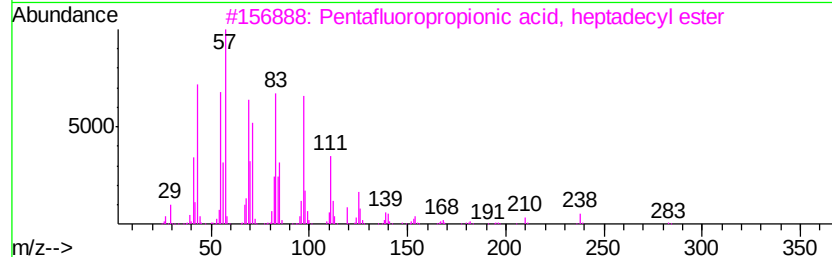
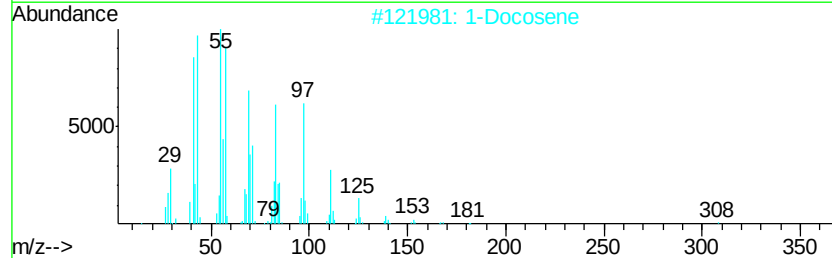
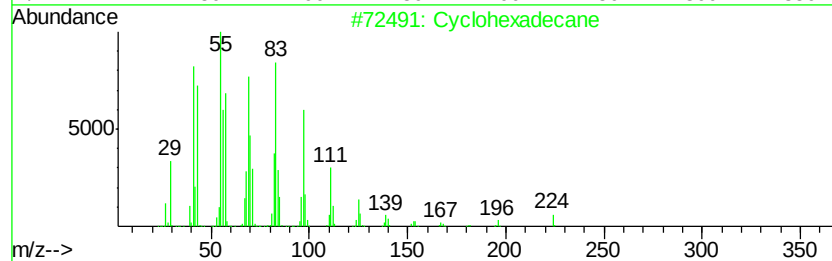
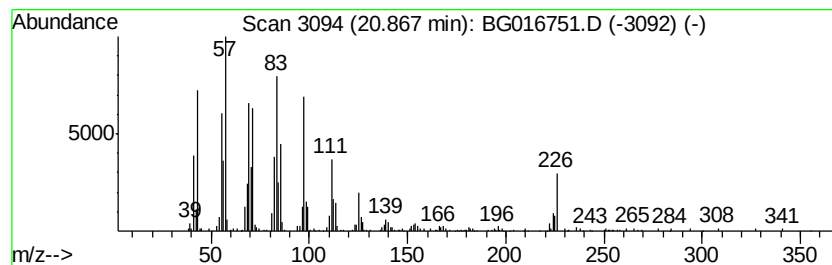
Instrument :  
BNA\_G  
ClientSampleId :  
TEC02

Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Cyclohexadecane Concentration Rank 7

| R.T.    | EstConc | Area                                | Relative to ISTD | R.T.            |
|---------|---------|-------------------------------------|------------------|-----------------|
| 20.87   | 4.72 ng | 403091                              | Chrysene-d12     | 21.16           |
| Hit# of | 5       | Tentative ID                        | MW MolForm       | CAS# Qual       |
| 1       |         | Cyclohexadecane                     | 224 C16H32       | 000295-65-8 89  |
| 2       |         | 1-Docosene                          | 308 C22H44       | 001599-67-3 78  |
| 3       |         | Pentafluoropropionic acid, hepta... | 402 C20H35F5O2   | 1000283-04-2 64 |
| 4       |         | Heptafluorobutanoic acid, heptad... | 452 C21H35F7O2   | 1000282-97-3 53 |
| 5       |         | Pentafluoropropionic acid, hexad... | 388 C19H33F5O2   | 006222-07-7 53  |



Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG042715\  
Data File : BG016751.D  
Acq On : 28 Apr 2015 4:00  
Operator : TP/IZ  
Sample : G1992-08  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TEC02

Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG042315.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Butane, 2-methoxy... | 2.72  | 7.6     | ng    | 149917   | 1                     | 7.57  | 392944  | 20.0 |
| 2-Pentanone, 4-hy... | 4.68  | 10.0    | ng    | 197205   | 1                     | 7.57  | 392944  | 20.0 |
| unknown7.11          | 7.11  | 79.4    | ng    | 1560070  | 1                     | 7.57  | 392944  | 20.0 |
| n-Hexadecanoic acid  | 17.88 | 4.9     | ng    | 211714   | 4                     | 16.97 | 867742  | 20.0 |
| Hexadecanoic acid... | 19.30 | 3.7     | ng    | 312549   | 5                     | 21.16 | 1707840 | 20.0 |
| Octadecanoic acid... | 20.35 | 2.4     | ng    | 204522   | 5                     | 21.16 | 1707840 | 20.0 |
| Cyclohexadecane      | 20.87 | 4.7     | ng    | 403091   | 5                     | 21.16 | 1707840 | 20.0 |