

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051420\  
 Data File : BG045390.D  
 Acq On : 14 May 2020 23:12  
 Operator : CG/JU  
 Sample : L2604-01 2X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 305

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\_G\METHODS\8270-BG041520.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         | 3.131       | 3             | 7           | 18           | rVB2     | 48909          | 88931         | 5.55%           | 0.647%        |
| 2         | 5.546       | 411           | 418         | 429          | rBV      | 327600         | 565565        | 35.32%          | 4.116%        |
| 3         | 7.138       | 679           | 689         | 702          | rBV      | 351869         | 650786        | 40.65%          | 4.736%        |
| 4         | 7.972       | 823           | 831         | 839          | rBV      | 282708         | 492941        | 30.79%          | 3.587%        |
| 5         | 8.295       | 878           | 886         | 895          | rBV      | 315070         | 548791        | 34.28%          | 3.994%        |
| 6         | 9.129       | 1020          | 1028        | 1038         | rBV      | 227087         | 434789        | 27.16%          | 3.164%        |
| 7         | 10.780      | 1300          | 1309        | 1325         | rBV      | 372174         | 713502        | 44.56%          | 5.192%        |
| 8         | 13.235      | 1719          | 1727        | 1737         | rBV      | 712907         | 1120446       | 69.98%          | 8.153%        |
| 9         | 14.064      | 1861          | 1868        | 1874         | rBV      | 69644          | 107572        | 6.72%           | 0.783%        |
| 10        | 14.616      | 1954          | 1962        | 1970         | rBV      | 614948         | 1036422       | 64.73%          | 7.542%        |
| 11        | 16.102      | 2209          | 2215        | 2225         | rBV      | 531260         | 859718        | 53.70%          | 6.256%        |
| 12        | 17.365      | 2422          | 2430        | 2435         | rBV      | 780879         | 1249739       | 78.06%          | 9.094%        |
| 13        | 17.735      | 2489          | 2493        | 2501         | rBV5     | 7367           | 16498         | 1.03%           | 0.120%        |
| 14        | 19.415      | 2773          | 2779        | 2784         | rBV2     | 76080          | 116574        | 7.28%           | 0.848%        |
| 15        | 19.774      | 2832          | 2840        | 2847         | rBV      | 61974          | 121509        | 7.59%           | 0.884%        |
| 16        | 19.973      | 2868          | 2874        | 2886         | rVB      | 1170873        | 1601056       | 100.00%         | 11.651%       |
| 17        | 20.291      | 2926          | 2928        | 2932         | rVB5     | 22855          | 28327         | 1.77%           | 0.206%        |
| 18        | 20.619      | 2981          | 2984        | 2988         | rBV5     | 14807          | 22811         | 1.42%           | 0.166%        |
| 19        | 20.784      | 3010          | 3012        | 3016         | rVB4     | 15828          | 18074         | 1.13%           | 0.132%        |
| 20        | 21.283      | 3093          | 3097        | 3102         | rBV3     | 87882          | 137265        | 8.57%           | 0.999%        |
| 21        | 21.524      | 3133          | 3138        | 3143         | rVB      | 39274          | 64118         | 4.00%           | 0.467%        |
| 22        | 21.624      | 3147          | 3155        | 3161         | rBV      | 733299         | 1292426       | 80.72%          | 9.405%        |
| 23        | 21.830      | 3186          | 3190        | 3196         | rVB2     | 52963          | 74888         | 4.68%           | 0.545%        |
| 24        | 22.435      | 3287          | 3293        | 3305         | rBV3     | 105046         | 239217        | 14.94%          | 1.741%        |
| 25        | 23.116      | 3402          | 3409        | 3416         | rVB2     | 101378         | 209982        | 13.12%          | 1.528%        |
| 26        | 23.451      | 3462          | 3466        | 3474         | rVB2     | 29862          | 57691         | 3.60%           | 0.420%        |
| 27        | 23.909      | 3537          | 3544        | 3552         | rBV2     | 142625         | 288681        | 18.03%          | 2.101%        |
| 28        | 24.790      | 3683          | 3694        | 3710         | rBV2     | 430877         | 1439223       | 89.89%          | 10.473%       |
| 29        | 25.948      | 3884          | 3891        | 3892         | rBV2     | 68660          | 117550        | 7.34%           | 0.855%        |
| 30        | 27.263      | 4111          | 4115        | 4116         | rBV4     | 20588          | 26922         | 1.68%           | 0.196%        |

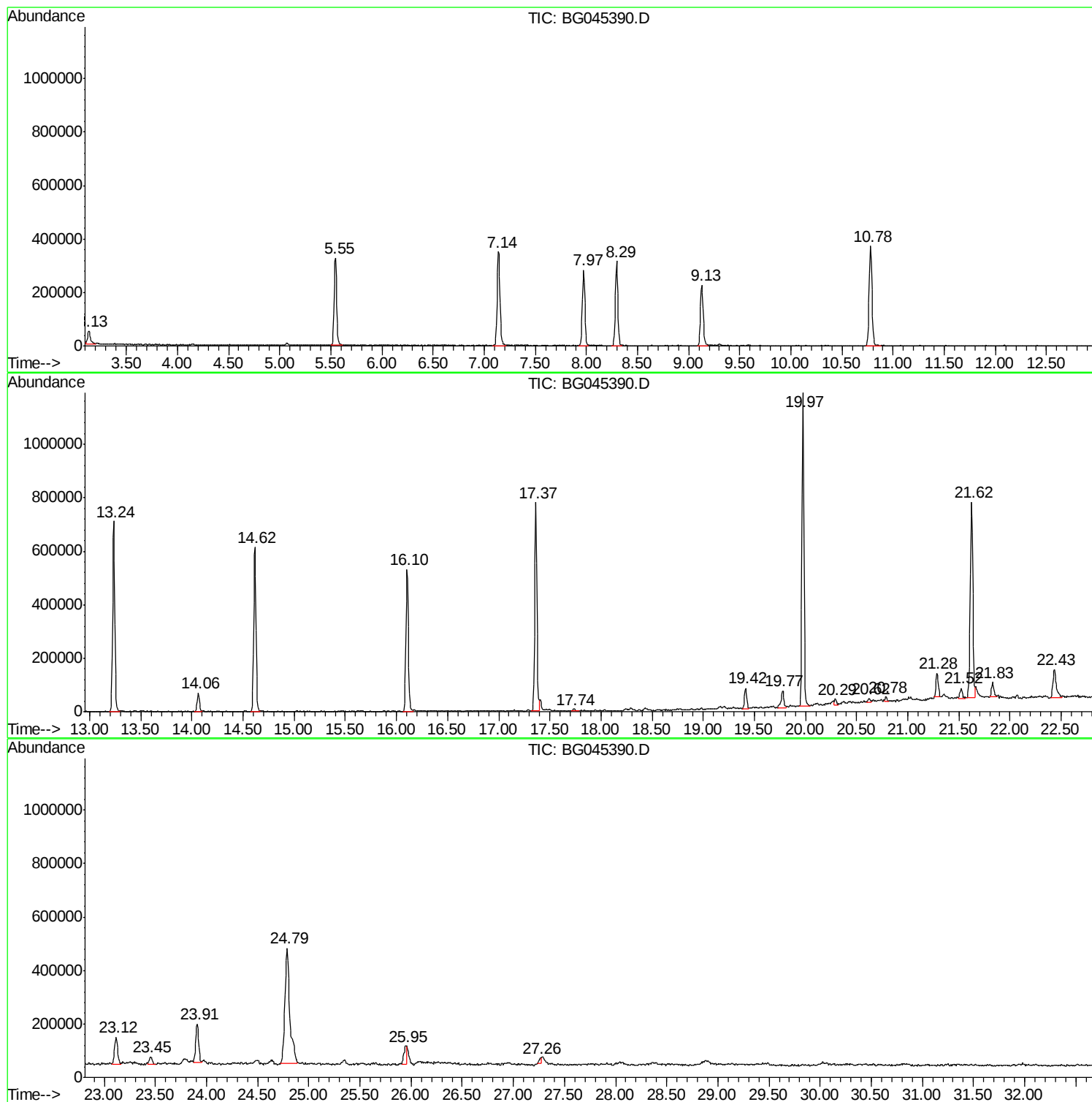
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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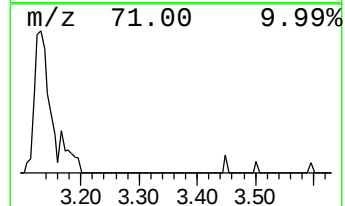
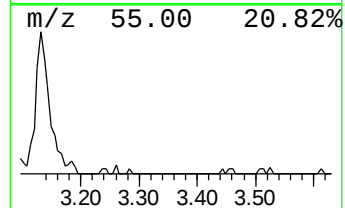
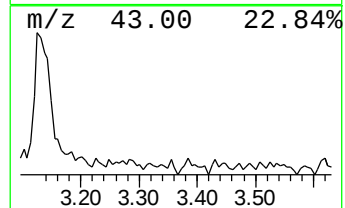
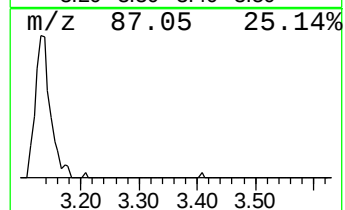
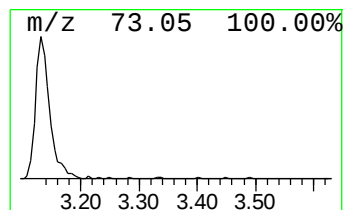
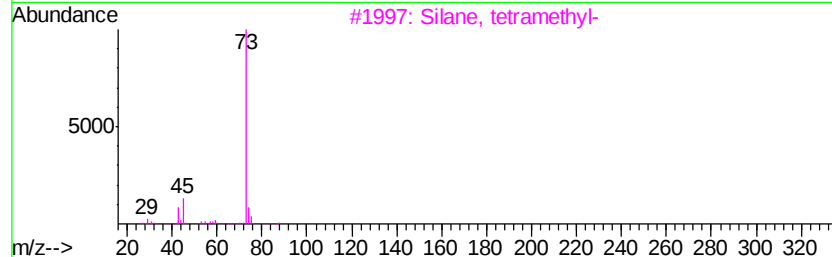
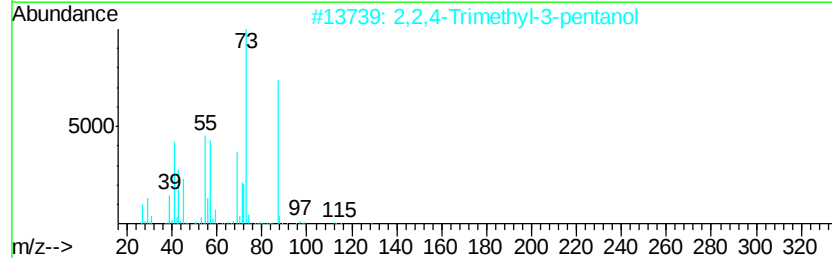
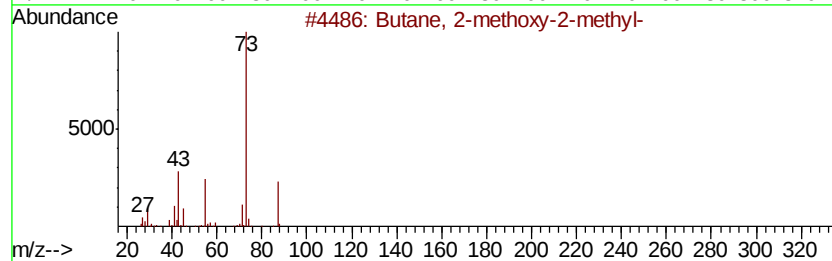
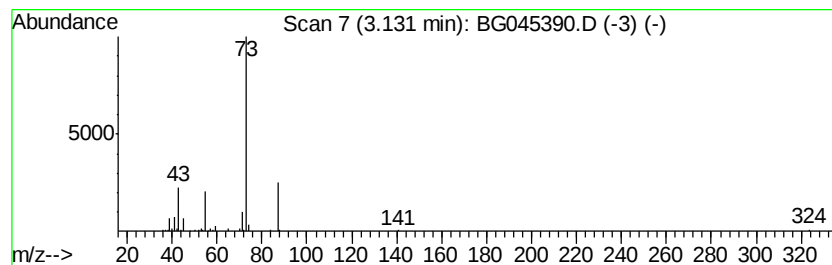
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

| R.T. | EstConc | Area  | Relative to ISTD       | R.T. |
|------|---------|-------|------------------------|------|
| 3.13 | 3.61 ng | 88931 | 1,4-Dichlorobenzene-d4 | 7.97 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 53   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 3    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 9    |
| 4    |    |   | N-Ethylformamide            | 73  | C3H7NO  | 000627-45-2 | 9    |
| 5    |    |   | Myo-Inositol, 2-C-methyl-   | 194 | C7H14O6 | 000472-96-8 | 9    |



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

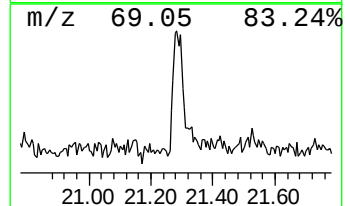
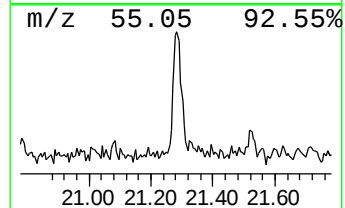
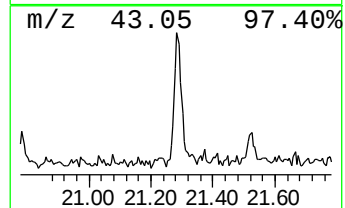
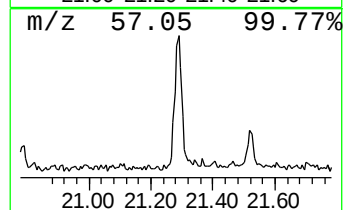
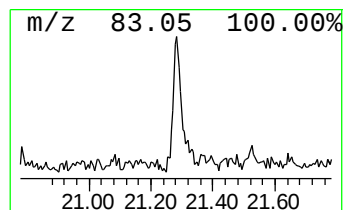
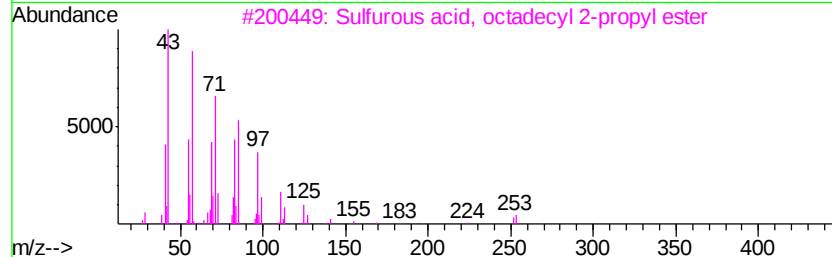
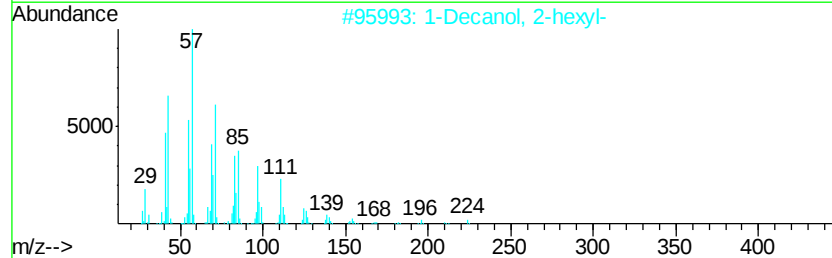
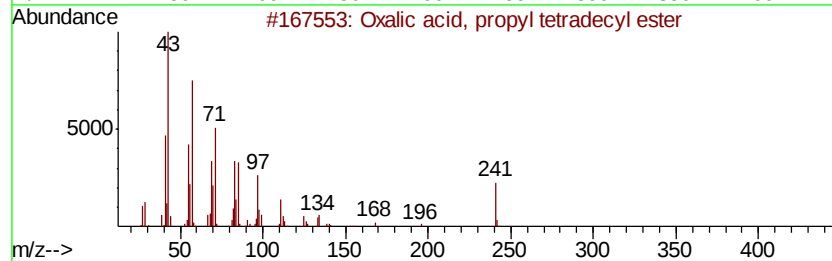
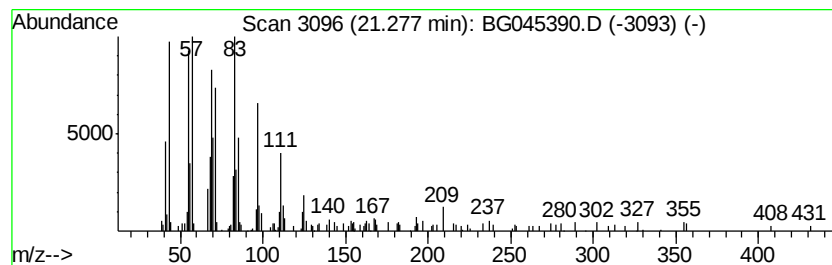
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Oxalic acid, propyl tetradec... Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 21.28 | 2.12 ng | 137265 | Chrysene-d12     | 21.62 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Oxalic acid, propyl tetradecyl e... | 328 | C19H36O4  | 1000309-26-7 | 91   |
| 2    |    | 1-Decanol, 2-hexyl-                 | 242 | C16H34O   | 002425-77-6  | 91   |
| 3    |    | Sulfurous acid, octadecyl 2-prop... | 376 | C21H44O3S | 1000309-12-7 | 83   |
| 4    |    | Octadecane, 1-(ethenvloxy)-         | 296 | C20H40O   | 000930-02-9  | 81   |
| 5    |    | 7-Hexadecene, (Z)-                  | 224 | C16H32    | 035507-09-6  | 78   |



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ALS Vial : 17 Sample Multiplier: 1

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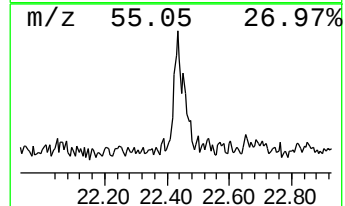
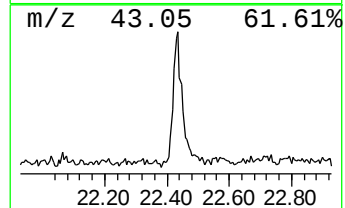
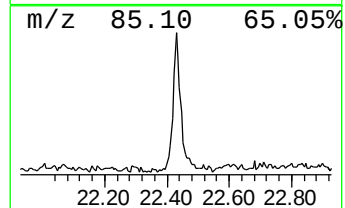
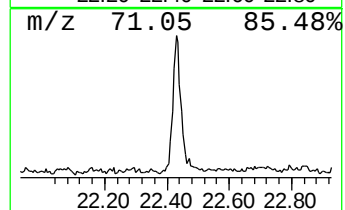
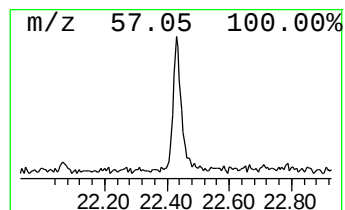
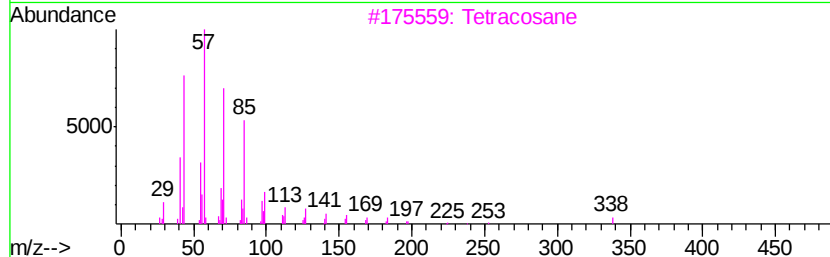
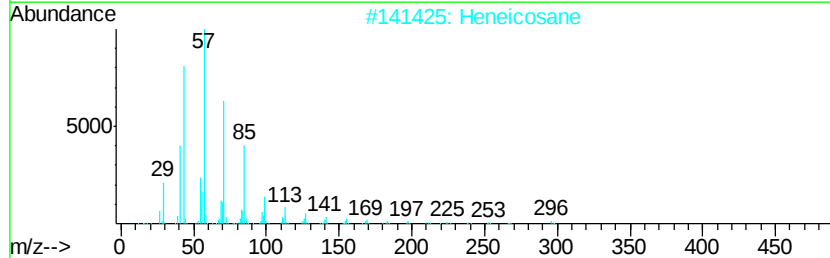
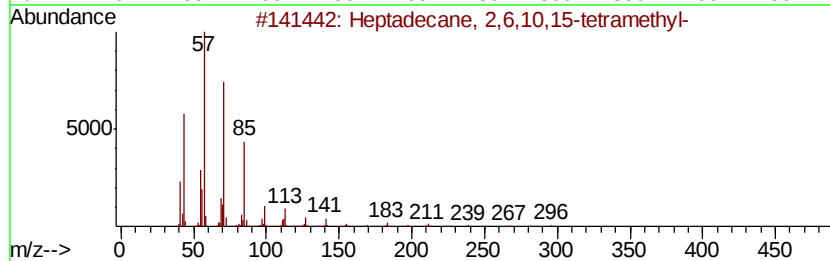
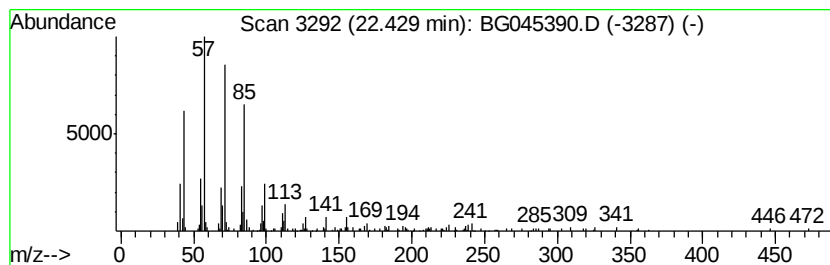
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Heptadecane, 2,6,10,15-tetr... Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 22.43 | 3.70 ng | 239217 | Chrysene-d12     | 21.62 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 91   |
| 2    |    | Heneicosane                         | 296 | C21H44  | 000629-94-7 | 91   |
| 3    |    | Tetracosane                         | 338 | C24H50  | 000646-31-1 | 83   |
| 4    |    | Hexacosane                          | 366 | C26H54  | 000630-01-3 | 83   |
| 5    |    | Octacosane                          | 394 | C28H58  | 000630-02-4 | 83   |



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

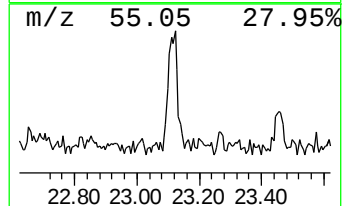
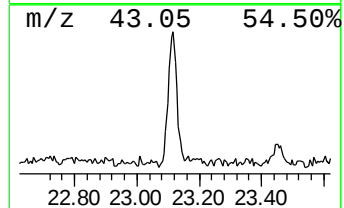
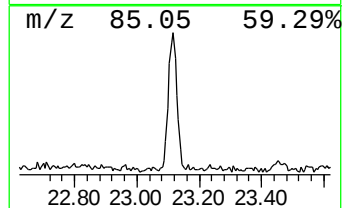
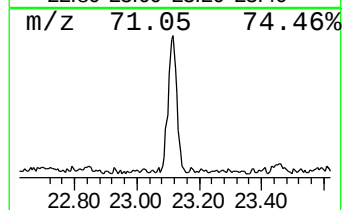
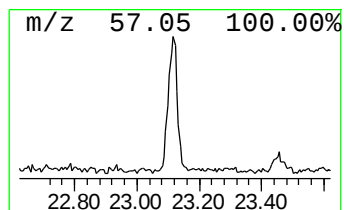
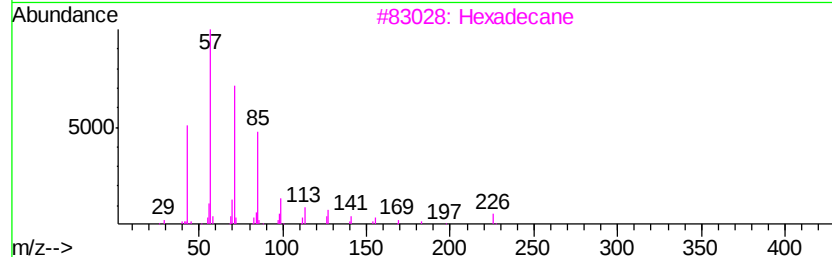
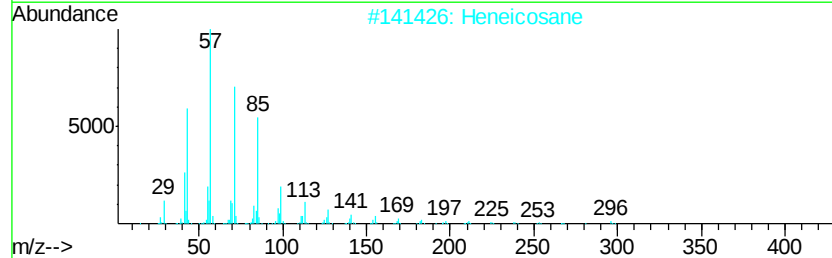
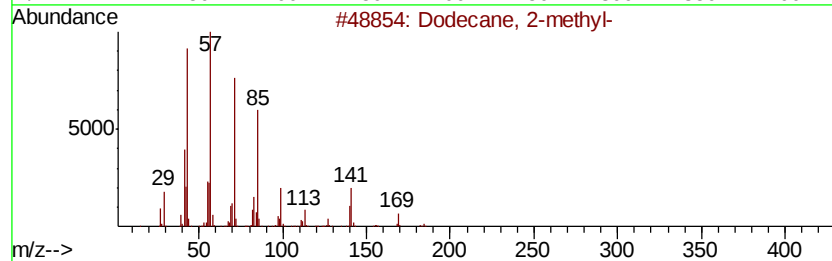
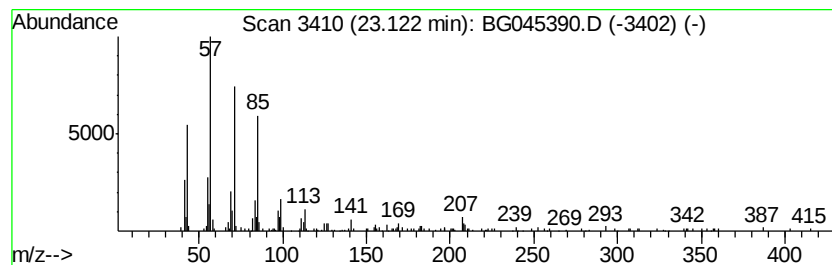
TIC Library : C:\Database\NIST11.L  
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\*\*\*\*\*  
Peak Number 5 Dodecane, 2-methyl- Concentration Rank 5

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.12 | 3.25 ng | 209982 | Chrysene-d12     | 21.62 |

| Hit# | of | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------|-----|---------|-------------|------|
| 1    | 5  | Dodecane, 2-methyl-           | 184 | C13H28  | 001560-97-0 | 93   |
| 2    |    | Heneicosane                   | 296 | C21H44  | 000629-94-7 | 87   |
| 3    |    | Hexadecane                    | 226 | C16H34  | 000544-76-3 | 86   |
| 4    |    | Decane, 3,8-dimethyl-         | 170 | C12H26  | 017312-55-9 | 80   |
| 5    |    | Hexadecane, 2,6,10-trimethyl- | 268 | C19H40  | 055000-52-7 | 76   |



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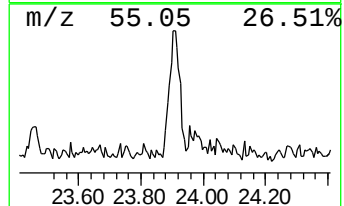
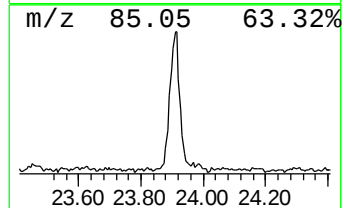
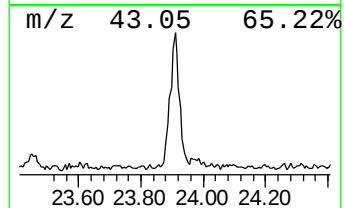
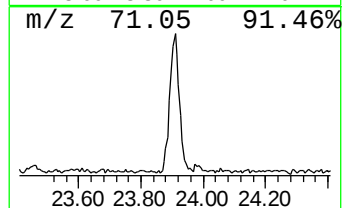
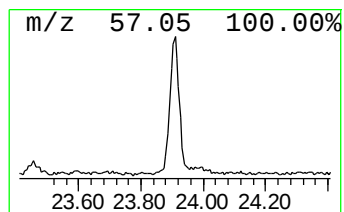
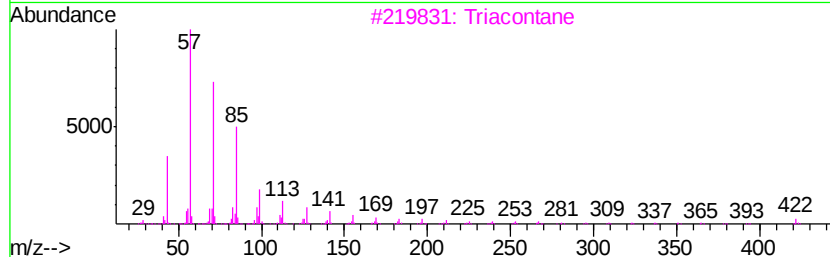
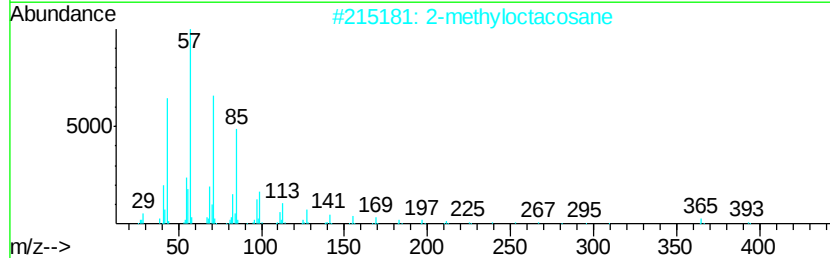
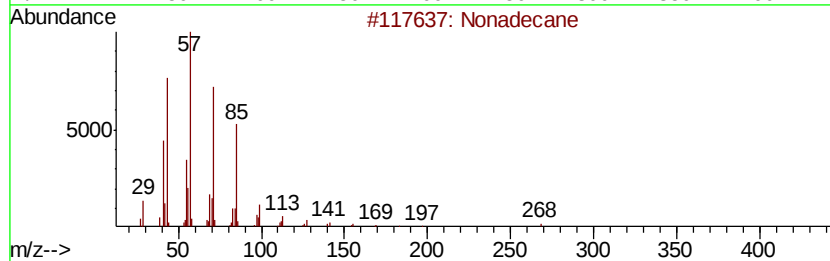
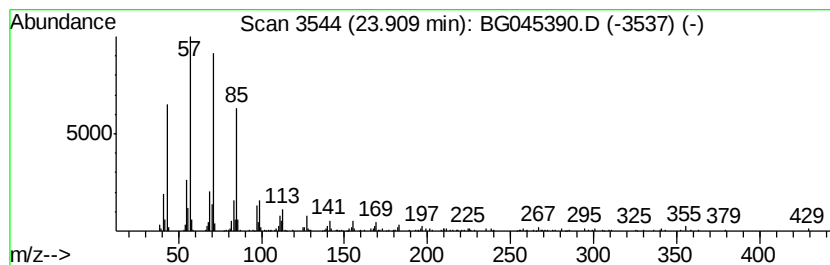
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Nonadecane Concentration Rank 2

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 23.91 | 4.01 ng | 288681 | Perylene-d12     | 24.79 |

| Hit# | of | Tentative ID         | MW  | MolForm | CAS#         | Qual |
|------|----|----------------------|-----|---------|--------------|------|
| 1    | 5  | Nonadecane           | 268 | C19H40  | 000629-92-5  | 91   |
| 2    |    | 2-methyloctacosane   | 408 | C29H60  | 1000376-72-8 | 91   |
| 3    |    | Triacontane          | 422 | C30H62  | 000638-68-6  | 91   |
| 4    |    | Heptacosane          | 380 | C27H56  | 000593-49-7  | 91   |
| 5    |    | Tridecane, 6-propyl- | 226 | C16H34  | 055045-10-8  | 87   |



Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG051420\  
Data File : BG045390.D  
Acq On : 14 May 2020 23:12  
Operator : CG/JU  
Sample : L2604-01 2X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
305

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG041520.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 |
| Butane, 2-methoxy... | 3.13  | 3.6     | ng    | 88931    | 1                     | 7.97  | 492941  | 20.0 |
| Oxalic acid, prop... | 21.28 | 2.1     | ng    | 137265   | 5                     | 21.62 | 1292430 | 20.0 |
| Heptadecane, 2,6,... | 22.43 | 3.7     | ng    | 239217   | 5                     | 21.62 | 1292430 | 20.0 |
| Dodecane, 2-methyl-  | 23.12 | 3.3     | ng    | 209982   | 5                     | 21.62 | 1292430 | 20.0 |
| Nonadecane           | 23.91 | 4.0     | ng    | 288681   | 6                     | 24.79 | 1439220 | 20.0 |