

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG032321\  
 Data File : BG048473.D  
 Acq On : 23 Mar 2021 17:09  
 Operator : CG/JU  
 Sample : M1746-07  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 COMP-1

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\_G\METHODS\8270-BG031821.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048473.D\data.ms

| 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         | 5.179       | 306           | 313         | 321          | rBV      | 66902          | 99720         | 3.58%           | 0.642%        |
| 2         | 5.649       | 386           | 393         | 403          | rBV      | 584986         | 922501        | 33.16%          | 5.935%        |
| 3         | 7.253       | 658           | 666         | 676          | rBV      | 606383         | 1047887       | 37.66%          | 6.741%        |
| 4         | 8.099       | 804           | 810         | 818          | rBV      | 152263         | 255628        | 9.19%           | 1.645%        |
| 5         | 9.268       | 1000          | 1009        | 1018         | rVB      | 396701         | 697006        | 25.05%          | 4.484%        |
| 6         | 10.925      | 1284          | 1291        | 1298         | rBV      | 201872         | 357803        | 12.86%          | 2.302%        |
| 7         | 13.364      | 1698          | 1706        | 1714         | rBV      | 981167         | 1496446       | 53.78%          | 9.627%        |
| 8         | 14.186      | 1841          | 1846        | 1851         | rVB      | 21093          | 28066         | 1.01%           | 0.181%        |
| 9         | 14.744      | 1934          | 1941        | 1948         | rVB      | 351299         | 538113        | 19.34%          | 3.462%        |
| 10        | 16.231      | 2186          | 2194        | 2207         | rBV      | 956250         | 1441774       | 51.82%          | 9.275%        |
| 11        | 17.494      | 2403          | 2409        | 2413         | rBV      | 505715         | 748063        | 26.89%          | 4.813%        |
| 12        | 17.535      | 2413          | 2416        | 2422         | rVV      | 181619         | 252131        | 9.06%           | 1.622%        |
| 13        | 17.623      | 2425          | 2431        | 2438         | rVB      | 37514          | 64157         | 2.31%           | 0.413%        |
| 14        | 18.370      | 2553          | 2558        | 2563         | rBV2     | 118072         | 162871        | 5.85%           | 1.048%        |
| 15        | 18.417      | 2563          | 2566        | 2572         | rVB      | 44692          | 64656         | 2.32%           | 0.416%        |
| 16        | 18.563      | 2585          | 2591        | 2595         | rBV3     | 33930          | 62828         | 2.26%           | 0.404%        |
| 17        | 18.869      | 2637          | 2643        | 2646         | rBV      | 29708          | 42827         | 1.54%           | 0.276%        |
| 18        | 18.910      | 2646          | 2650        | 2654         | rVB3     | 24710          | 36924         | 1.33%           | 0.238%        |
| 19        | 19.280      | 2708          | 2713        | 2719         | rBV7     | 16600          | 39035         | 1.40%           | 0.251%        |
| 20        | 19.421      | 2732          | 2737        | 2741         | rBV      | 23308          | 32983         | 1.19%           | 0.212%        |
| 21        | 19.545      | 2746          | 2758        | 2764         | rBV      | 338270         | 498344        | 17.91%          | 3.206%        |
| 22        | 19.639      | 2770          | 2774        | 2778         | rBV6     | 28329          | 39662         | 1.43%           | 0.255%        |
| 23        | 19.874      | 2808          | 2814        | 2816         | rBV2     | 62726          | 98103         | 3.53%           | 0.631%        |
| 24        | 19.909      | 2816          | 2820        | 2824         | rVV      | 261219         | 370039        | 13.30%          | 2.381%        |
| 25        | 19.968      | 2827          | 2830        | 2836         | rVB4     | 17223          | 29707         | 1.07%           | 0.191%        |
| 26        | 20.103      | 2846          | 2853        | 2858         | rBV      | 2216410        | 2782277       | 100.00%         | 17.899%       |
| 27        | 20.391      | 2899          | 2902        | 2908         | rVB3     | 27489          | 46921         | 1.69%           | 0.302%        |
| 28        | 20.555      | 2925          | 2930        | 2933         | rBV4     | 28262          | 46004         | 1.65%           | 0.296%        |
| 29        | 21.160      | 3029          | 3033        | 3038         | rVB3     | 38930          | 62726         | 2.25%           | 0.404%        |
| 30        | 21.348      | 3057          | 3065        | 3069         | rBV6     | 25743          | 71267         | 2.56%           | 0.458%        |
| 31        | 21.413      | 3070          | 3076        | 3087         | rVV7     | 116403         | 351095        | 12.62%          | 2.259%        |
| 32        | 21.501      | 3087          | 3091        | 3099         | rVB5     | 56010          | 111450        | 4.01%           | 0.717%        |
| 33        | 21.783      | 3130          | 3139        | 3144         | rBV2     | 532385         | 1080865       | 38.85%          | 6.954%        |
| 34        | 21.830      | 3144          | 3147        | 3154         | rVB      | 109330         | 183726        | 6.60%           | 1.182%        |
| 35        | 21.989      | 3172          | 3174        | 3180         | rVB7     | 26499          | 31848         | 1.14%           | 0.205%        |
| 36        | 24.051      | 3517          | 3525        | 3533         | rBV3     | 68370          | 259768        | 9.34%           | 1.671%        |

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Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1

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\_G\METHODS\8270-BG031821.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 24.797 | 3649 | 3652 | 3661 | rVB4 | 35821  | 85546  | 3.07%  | 0.550% |
| 38 | 24.956 | 3673 | 3679 | 3686 | rVB3 | 52650  | 142223 | 5.11%  | 0.915% |
| 39 | 25.115 | 3696 | 3706 | 3719 | rBV2 | 274039 | 861113 | 30.95% | 5.540% |

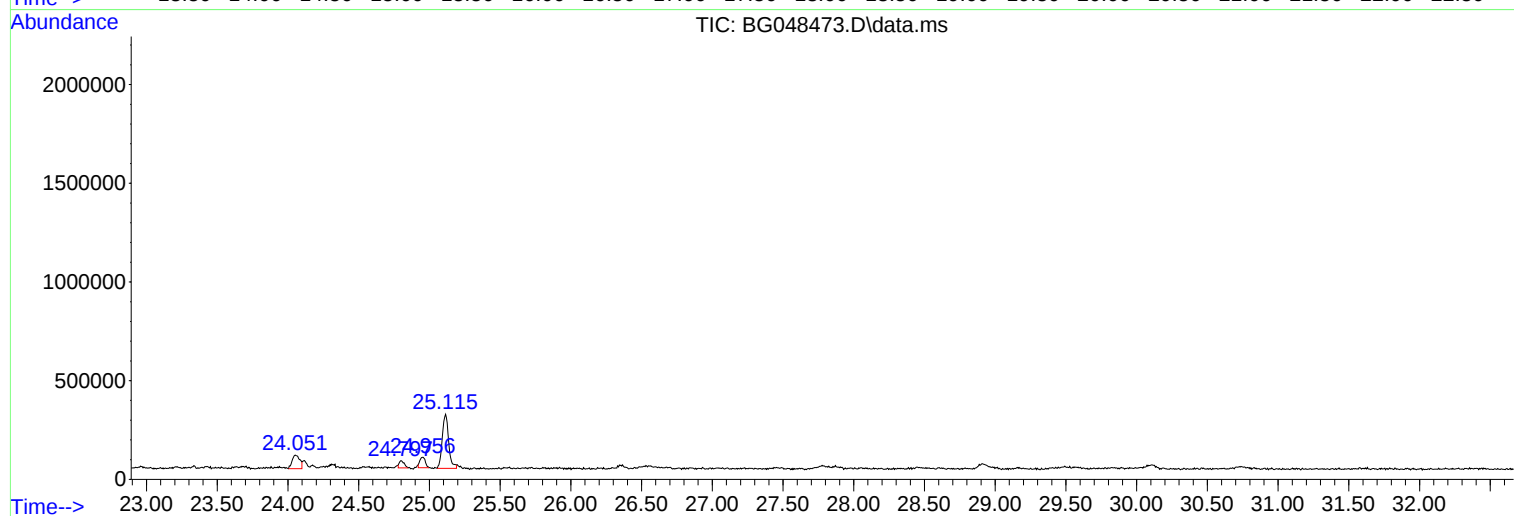
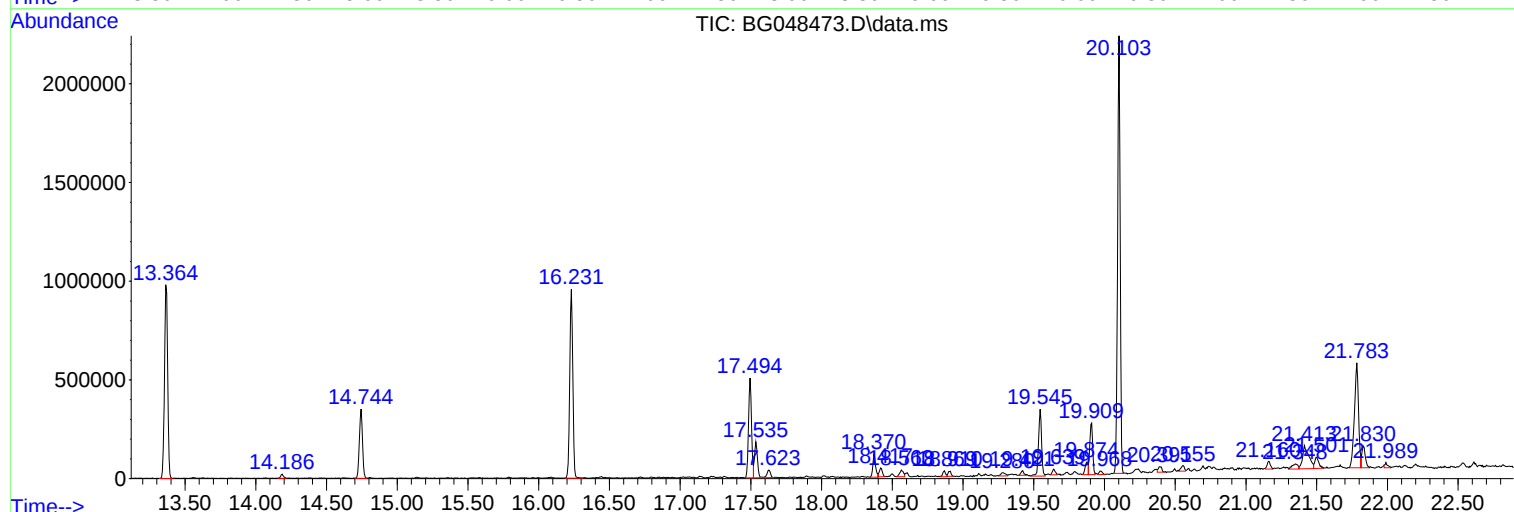
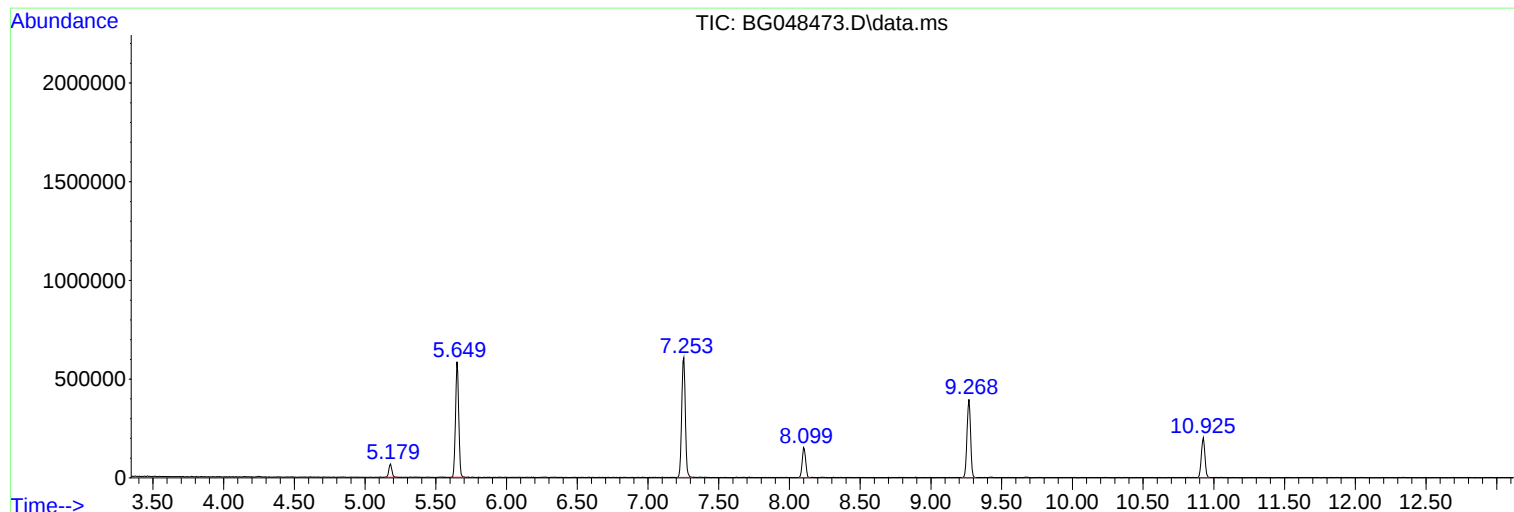
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG032321\  
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Misc :  
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG031821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG032321\  
Data File : BG048473.D  
Acq On : 23 Mar 2021 17:09  
Operator : CG/JU  
Sample : M1746-07  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG031821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

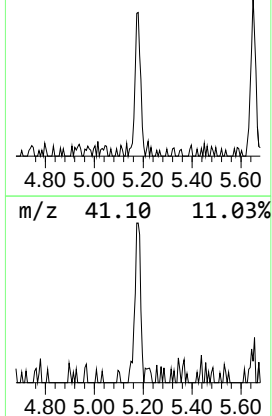
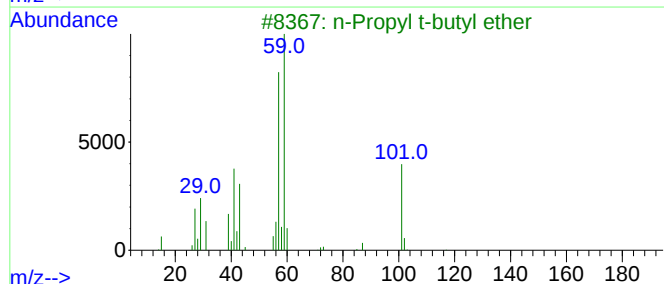
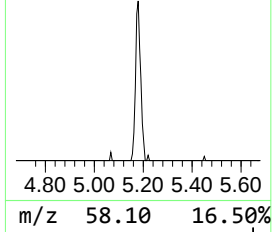
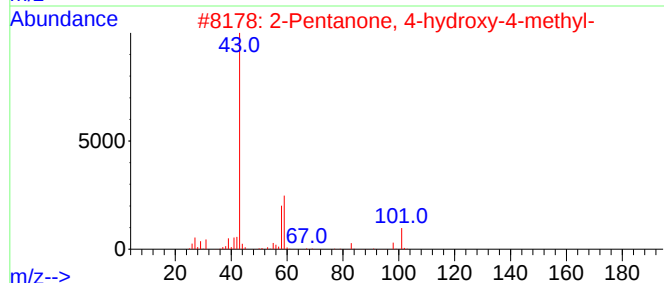
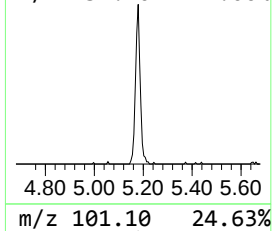
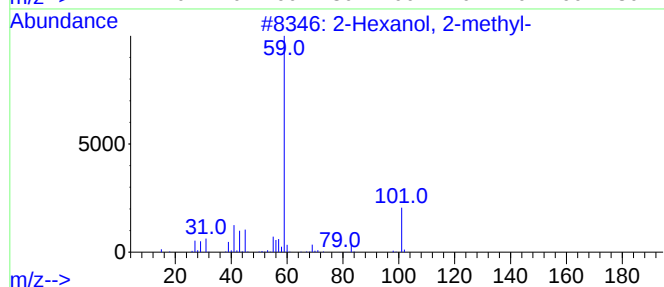
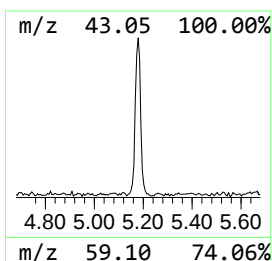
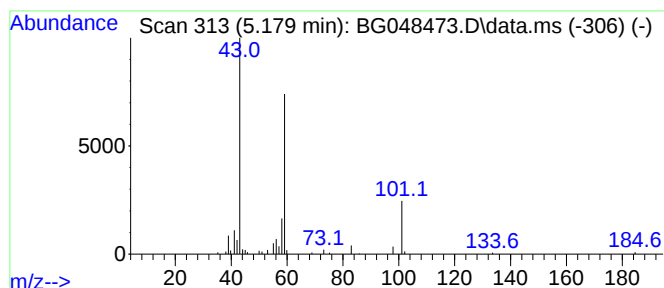
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Hexanol, 2-methyl- Concentration Rank 1

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 5.179 | 7.80 ng | 99720 | 1,4-Dichlorobenzene-d4 | 8.099 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm  | CAS#         | Qual |
|------|----|---|----------------------------------|-----|----------|--------------|------|
| 1    |    |   | 2-Hexanol, 2-methyl-             | 116 | C7H16O   | 000625-23-0  | 53   |
| 2    |    |   | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2  | 000123-42-2  | 50   |
| 3    |    |   | n-Propyl t-butyl ether           | 116 | C7H16O   | 1000334-81-9 | 36   |
| 4    |    |   | Tetraglyme                       | 222 | C10H22O5 | 000143-24-8  | 33   |
| 5    |    |   | 3-Hydroxy-3-methyl-2-butanone    | 102 | C5H10O2  | 000115-22-0  | 25   |



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Instrument :  
BNA\_G  
ClientSampleId :  
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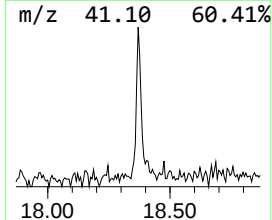
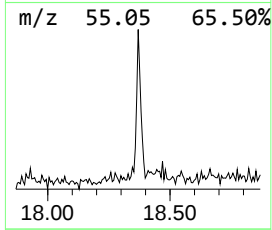
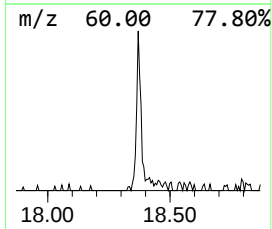
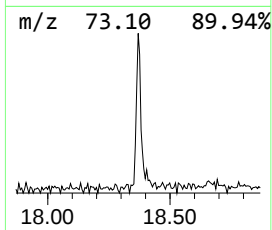
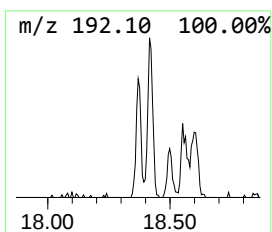
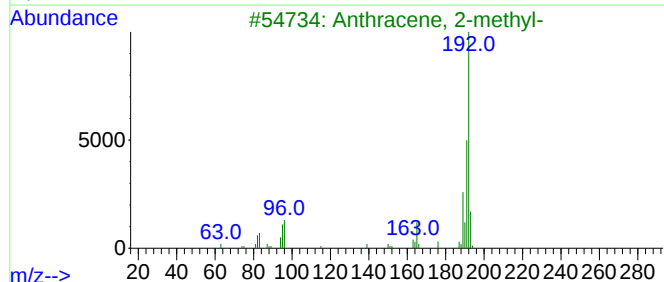
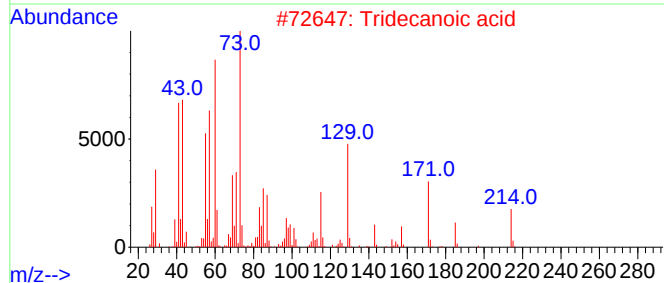
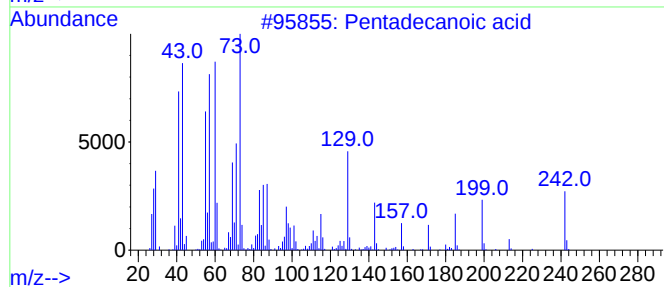
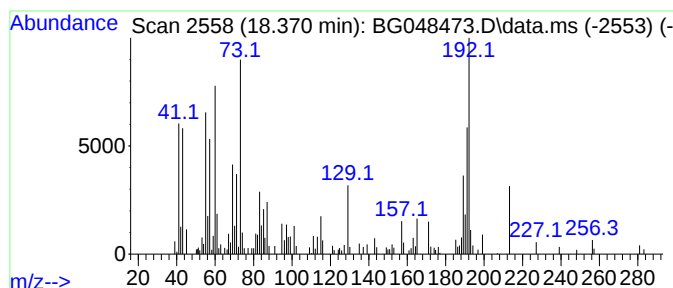
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG031821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 unknown18.36 Concentration Rank 3

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 18.369    | 4.35 ng                             | 162871 | Phenanthrene-d10 | 17.494      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | Pentadecanoic acid                  | 242    | C15H30O2         | 001002-84-2 | 45   |
| 2         | Tridecanoic acid                    | 214    | C13H26O2         | 000638-53-9 | 45   |
| 3         | Anthracene, 2-methyl-               | 192    | C15H12           | 000613-12-7 | 41   |
| 4         | 1H-Cyclopropa[1]phenanthrene,1a,... | 192    | C15H12           | 000949-41-7 | 38   |
| 5         | Phenanthrene, 1-methyl-             | 192    | C15H12           | 000832-69-9 | 38   |



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Instrument :  
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ClientSampleId :  
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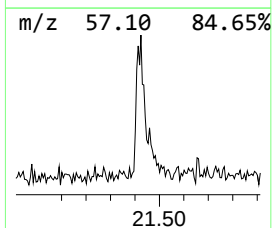
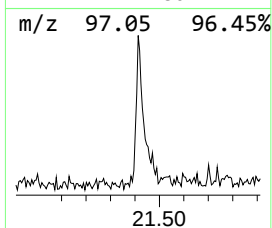
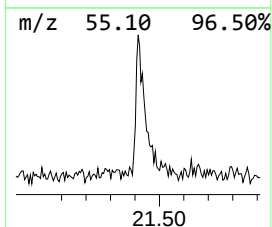
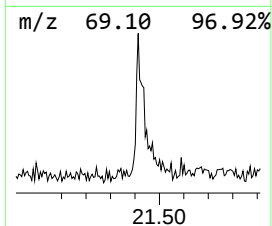
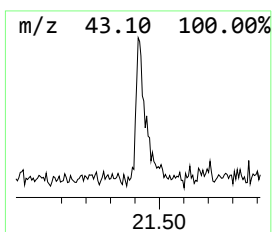
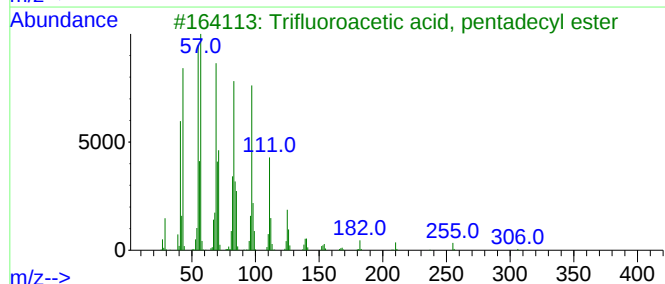
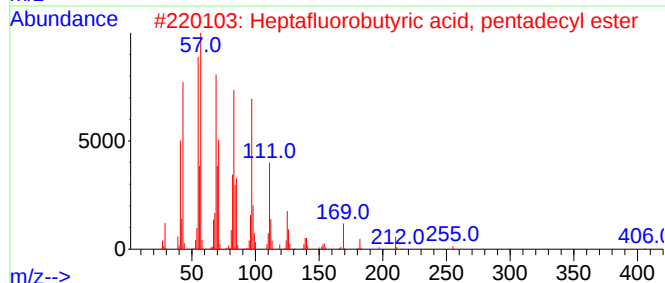
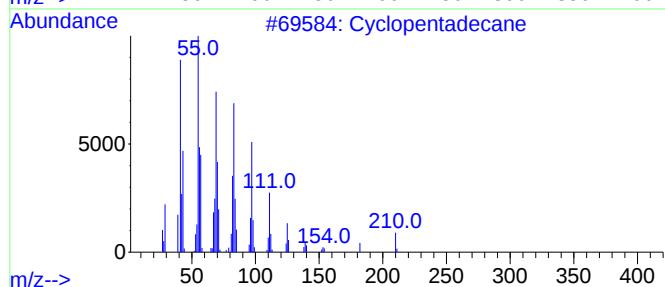
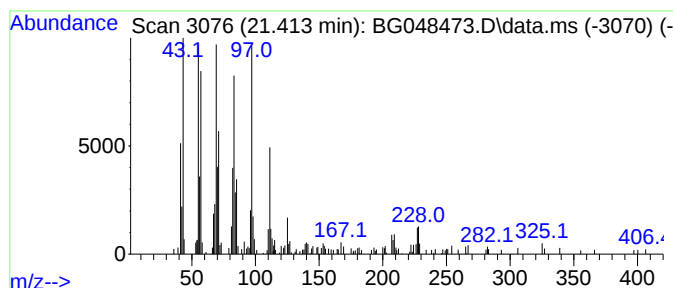
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG031821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Cyclopentadecane Concentration Rank 2

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.413 | 6.50 ng | 351095 | Chrysene-d12     | 21.783 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-------------|-------------|------|
| 1    |    |   | Cyclopentadecane                    | 210 | C15H30      | 000295-48-7 | 90   |
| 2    |    |   | Heptafluorobutyric acid, pentade... | 424 | C19H31F7O2  | 959261-23-5 | 90   |
| 3    |    |   | Trifluoroacetic acid, pentadecyl... | 324 | C17H31F3O2  | 959010-23-2 | 87   |
| 4    |    |   | Heptafluorobutyric acid, n-tetra... | 410 | C18H29F7O2  | 007365-36-8 | 83   |
| 5    |    |   | Trichloroacetic acid, tetradecyl... | 358 | C16H29Cl3O2 | 074339-52-9 | 81   |



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BNA\_G  
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COMP-1

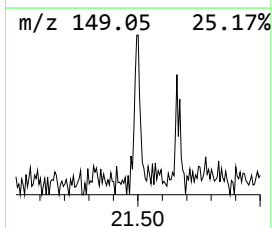
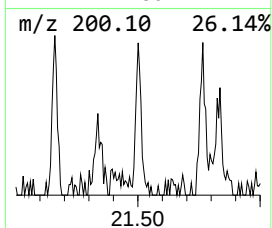
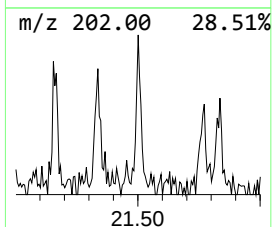
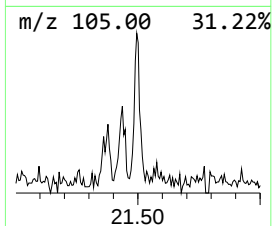
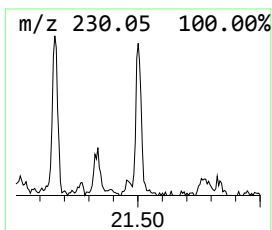
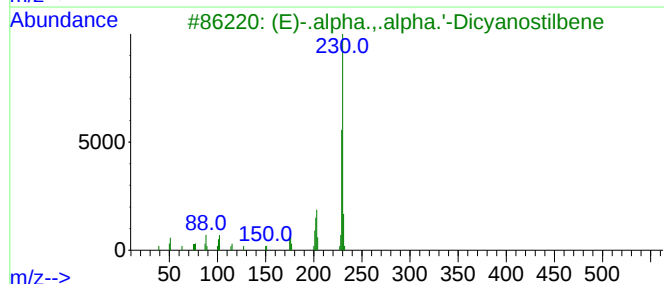
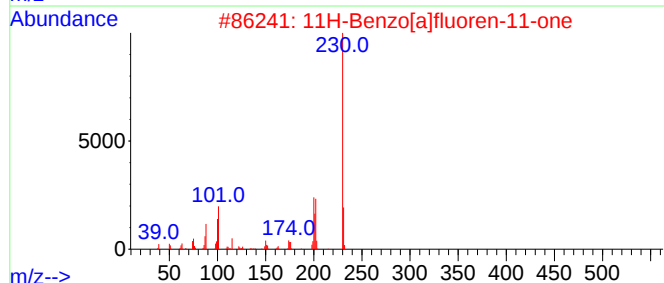
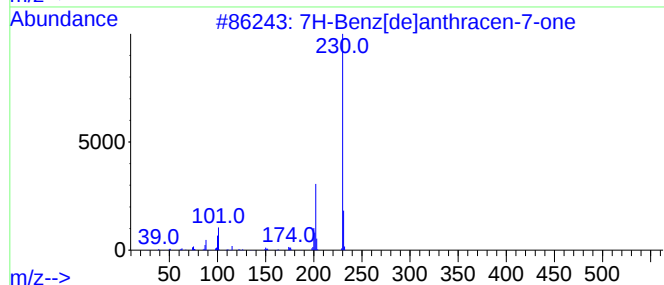
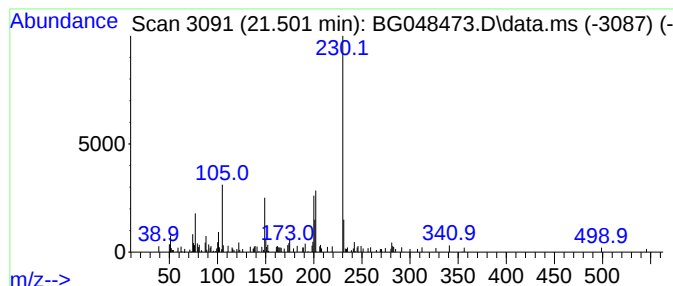
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG031821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 unknown21.50 Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.501 | 2.06 ng | 111450 | Chrysene-d12     | 21.783 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | 7H-Benz[de]anthracen-7-one          | 230 | C17H10O    | 000082-05-3 | 49   |
| 2    |    |   | 11H-Benzo[a]fluoren-11-one          | 230 | C17H10O    | 000479-79-8 | 47   |
| 3    |    |   | (E)-.alpha.,.alpha.'-Dicyanostil... | 230 | C16H10N2   | 002450-55-7 | 47   |
| 4    |    |   | 6H-Benz[de]anthracen-6-one          | 230 | C17H10O    | 080252-14-8 | 46   |
| 5    |    |   | 4-Methoxy-2-(p-methoxyphenyl)-6-... | 230 | C13H14N2O2 | 063896-93-5 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG032321\  
Data File : BG048473.D  
Acq On : 23 Mar 2021 17:09  
Operator : CG/JU  
Sample : M1746-07  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
COMP-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG031821.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-Hexanol, 2-me... | 5.179  | 7.8     | ng    | 99720    | 1                     | 8.099  | 255628  | 20.0 |
| unknown18.36       | 18.369 | 4.3     | ng    | 162871   | 4                     | 17.494 | 748063  | 20.0 |
| Cyclopentadecane   | 21.413 | 6.5     | ng    | 351095   | 5                     | 21.783 | 1080870 | 20.0 |
| unknown21.50       | 21.501 | 2.1     | ng    | 111450   | 5                     | 21.783 | 1080870 | 20.0 |