

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020323\  
 Data File : BG056540.D  
 Acq On : 3 Feb 2023 15:50  
 Operator : CG/JU  
 Sample : 01404-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NPHACK-SOIL-0201

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-BG012723.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056540.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         | 5.311       | 337           | 344         | 352          | rBV      | 109334         | 178092        | 8.42%           | 1.243%        |
| 2         | 5.793       | 419           | 426         | 437          | rBV      | 482482         | 778488        | 36.80%          | 5.435%        |
| 3         | 7.420       | 695           | 703         | 714          | rBV      | 495848         | 839187        | 39.67%          | 5.858%        |
| 4         | 8.272       | 841           | 848         | 855          | rVB      | 122549         | 207223        | 9.80%           | 1.447%        |
| 5         | 9.447       | 1040          | 1048        | 1059         | rVB      | 289780         | 511922        | 24.20%          | 3.574%        |
| 6         | 11.104      | 1322          | 1330        | 1337         | rBV      | 158896         | 296550        | 14.02%          | 2.070%        |
| 7         | 13.519      | 1734          | 1741        | 1748         | rBV      | 1010092        | 1551115       | 73.33%          | 10.828%       |
| 8         | 14.894      | 1966          | 1975        | 1981         | rBV2     | 286608         | 452817        | 21.41%          | 3.161%        |
| 9         | 14.953      | 1981          | 1985        | 1993         | rVB      | 23193          | 36655         | 1.73%           | 0.256%        |
| 10        | 15.282      | 2032          | 2041        | 2047         | rBV2     | 20273          | 36963         | 1.75%           | 0.258%        |
| 11        | 15.934      | 2144          | 2152        | 2162         | rVB      | 30561          | 52384         | 2.48%           | 0.366%        |
| 12        | 16.228      | 2197          | 2202        | 2208         | rVB2     | 30343          | 48317         | 2.28%           | 0.337%        |
| 13        | 16.375      | 2221          | 2227        | 2235         | rBV      | 763039         | 1126440       | 53.25%          | 7.864%        |
| 14        | 17.632      | 2433          | 2441        | 2445         | rBV      | 372903         | 572623        | 27.07%          | 3.997%        |
| 15        | 17.673      | 2445          | 2448        | 2454         | rVB      | 200524         | 278705        | 13.18%          | 1.946%        |
| 16        | 17.767      | 2458          | 2464        | 2470         | rBV      | 63550          | 100797        | 4.77%           | 0.704%        |
| 17        | 18.478      | 2580          | 2585        | 2593         | rBV2     | 108748         | 212631        | 10.05%          | 1.484%        |
| 18        | 18.549      | 2593          | 2597        | 2604         | rVB2     | 57716          | 87036         | 4.11%           | 0.608%        |
| 19        | 18.625      | 2606          | 2610        | 2615         | rVB      | 27376          | 39291         | 1.86%           | 0.274%        |
| 20        | 18.701      | 2616          | 2623        | 2626         | rBV3     | 75653          | 141341        | 6.68%           | 0.987%        |
| 21        | 18.983      | 2667          | 2671        | 2675         | rBV      | 34366          | 50372         | 2.38%           | 0.352%        |
| 22        | 19.401      | 2735          | 2742        | 2747         | rBV2     | 32739          | 69717         | 3.30%           | 0.487%        |
| 23        | 19.547      | 2761          | 2767        | 2770         | rBV6     | 16918          | 33423         | 1.58%           | 0.233%        |
| 24        | 19.665      | 2781          | 2787        | 2793         | rBV      | 430739         | 611830        | 28.92%          | 4.271%        |
| 25        | 19.730      | 2794          | 2798        | 2802         | rBV3     | 37072          | 60753         | 2.87%           | 0.424%        |
| 26        | 19.994      | 2838          | 2843        | 2845         | rBV2     | 71548          | 119317        | 5.64%           | 0.833%        |
| 27        | 20.029      | 2845          | 2849        | 2856         | rVB      | 395123         | 554173        | 26.20%          | 3.869%        |
| 28        | 20.088      | 2856          | 2859        | 2864         | rBV      | 24708          | 38371         | 1.81%           | 0.268%        |
| 29        | 20.211      | 2873          | 2880        | 2885         | rBV      | 1544558        | 2115284       | 100.00%         | 14.767%       |
| 30        | 20.482      | 2920          | 2926        | 2927         | rBV4     | 31165          | 54001         | 2.55%           | 0.377%        |
| 31        | 20.511      | 2928          | 2931        | 2936         | rVB      | 86661          | 109761        | 5.19%           | 0.766%        |
| 32        | 20.611      | 2944          | 2948        | 2952         | rBV      | 67591          | 86749         | 4.10%           | 0.606%        |
| 33        | 20.811      | 2978          | 2982        | 2986         | rBV      | 37153          | 61522         | 2.91%           | 0.429%        |
| 34        | 21.498      | 3095          | 3099        | 3109         | rVB5     | 86091          | 204008        | 9.64%           | 1.424%        |
| 35        | 21.921      | 3162          | 3171        | 3176         | rBV2     | 396503         | 964678        | 45.61%          | 6.734%        |
| 36        | 21.968      | 3176          | 3179        | 3188         | rVB      | 148151         | 252935        | 11.96%          | 1.766%        |

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Sample : 01404-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
NPHACK-SOIL-0201

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-BG012723.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 22.133 | 3204 | 3207 | 3215 | rVB  | 38484  | 57579  | 2.72%  | 0.402% |
| 38 | 24.260 | 3562 | 3569 | 3586 | rVB2 | 111274 | 514067 | 24.30% | 3.589% |
| 39 | 25.182 | 3720 | 3726 | 3736 | rVB  | 110281 | 303596 | 14.35% | 2.119% |
| 40 | 25.346 | 3746 | 3754 | 3763 | rVB2 | 187374 | 513930 | 24.30% | 3.588% |

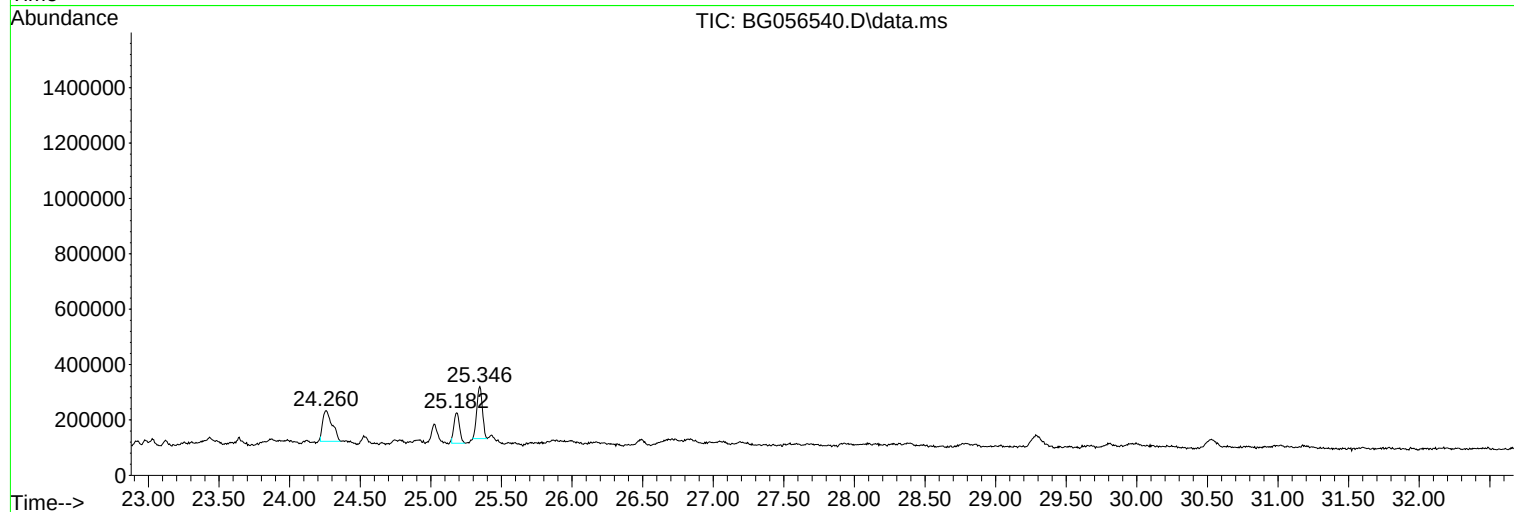
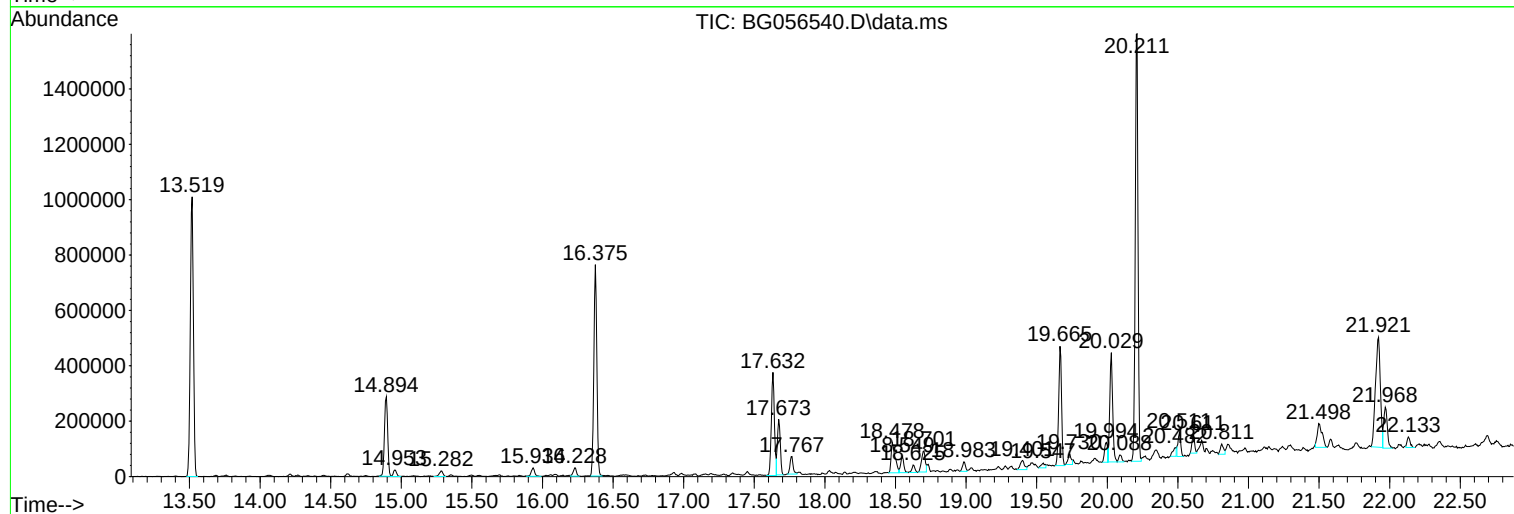
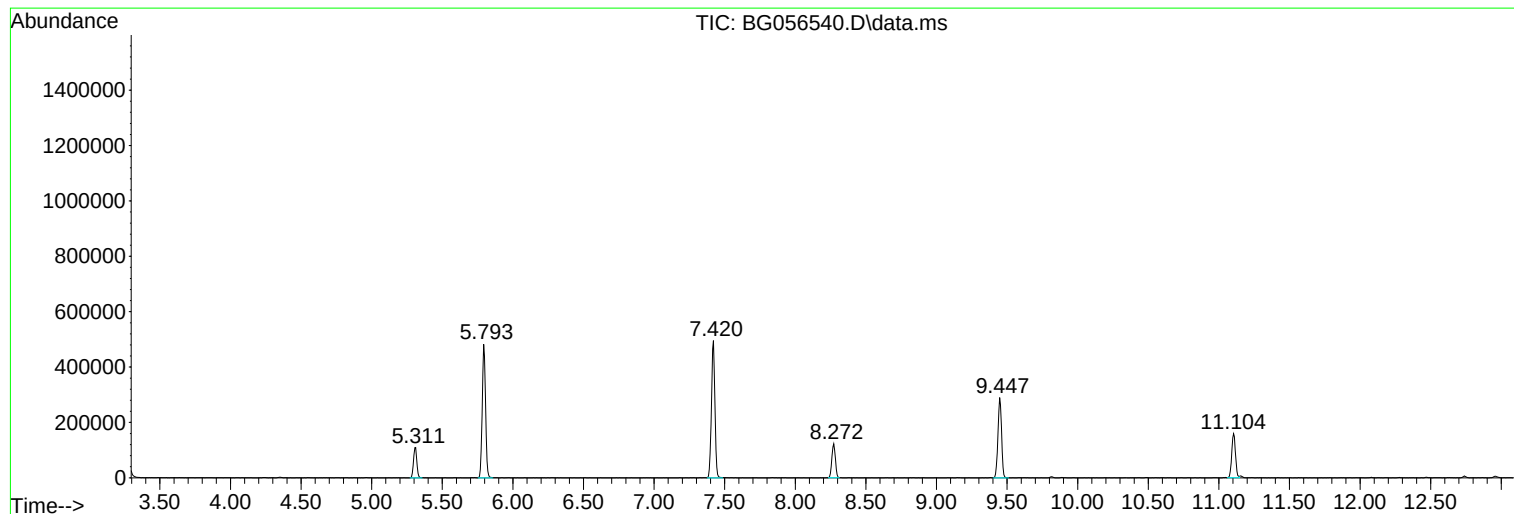
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BNA\_G  
ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020323\  
Data File : BG056540.D  
Acq On : 3 Feb 2023 15:50  
Operator : CG/JU  
Sample : 01404-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
NPHACK-SOIL-0201

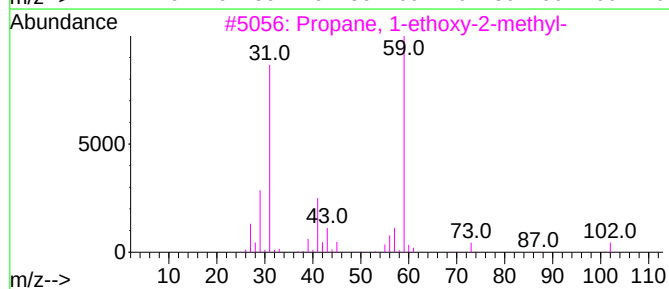
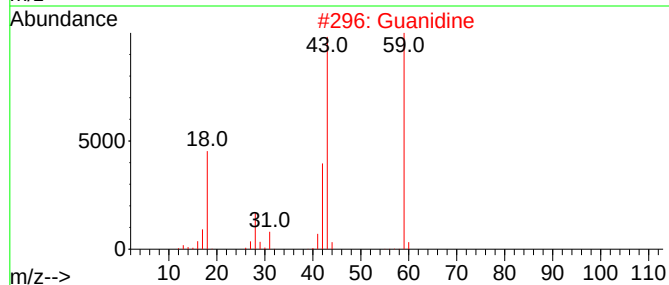
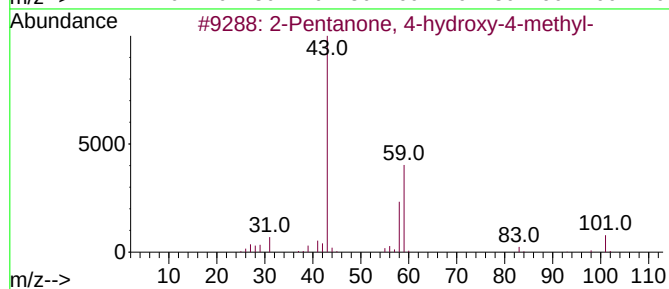
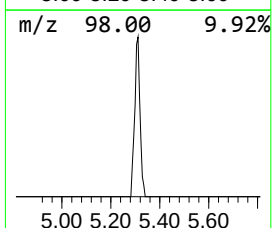
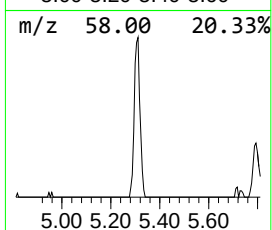
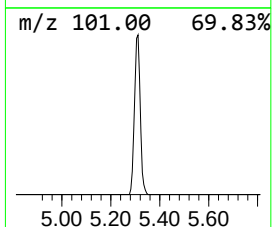
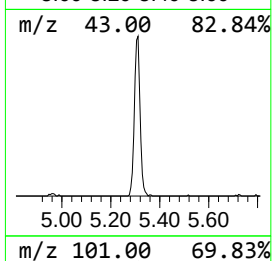
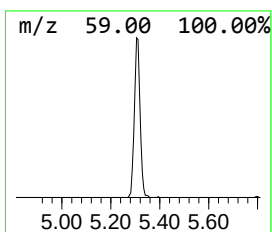
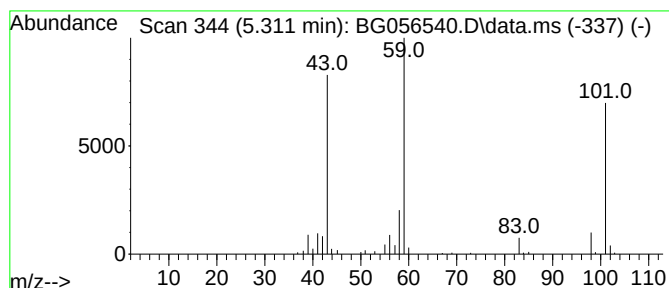
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

| R.T.      | EstConc                             | Area   | Relative to ISTD       |          |             | R.T.  |
|-----------|-------------------------------------|--------|------------------------|----------|-------------|-------|
| 5.311     | 17.19 ng                            | 178092 | 1,4-Dichlorobenzene-d4 |          |             | 8.272 |
| Hit# of 5 | Tentative ID                        |        | MW                     | MolForm  | CAS#        | Qual  |
| 1         | 2-Pentanone, 4-hydroxy-4-methyl-    |        | 116                    | C6H12O2  | 000123-42-2 | 50    |
| 2         | Guanidine                           |        | 59                     | CH5N3    | 000113-00-8 | 32    |
| 3         | Propane, 1-ethoxy-2-methyl-         |        | 102                    | C6H14O   | 000627-02-1 | 25    |
| 4         | 3-Hydroxy-3-methyl-2-butanone       |        | 102                    | C5H10O2  | 000115-22-0 | 25    |
| 5         | Acetic acid, cyano-, 1,1-dimethy... |        | 141                    | C7H11NO2 | 001116-98-9 | 25    |



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NPHACK-SOIL-0201

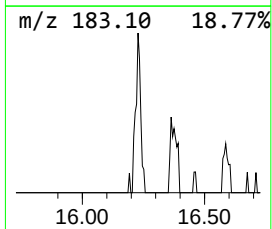
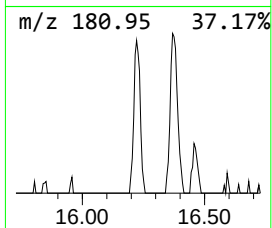
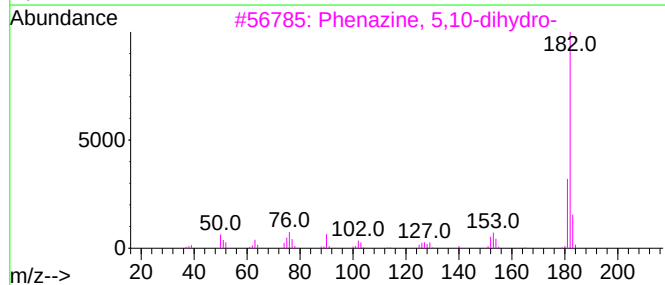
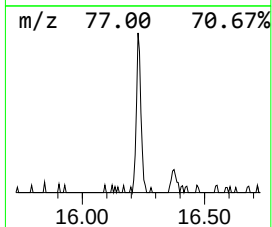
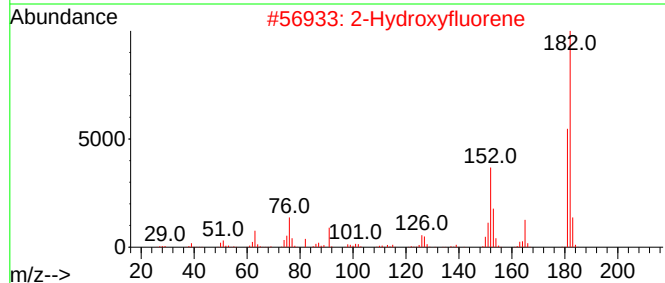
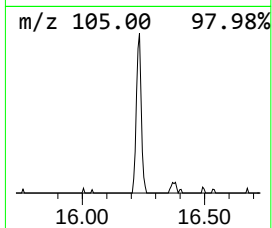
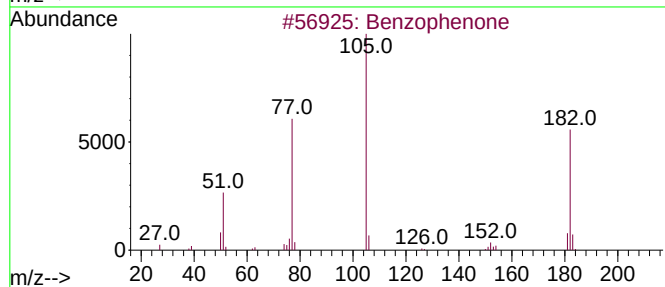
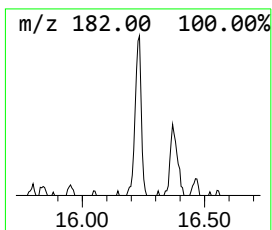
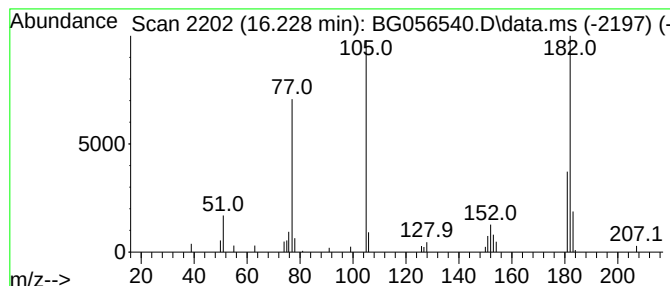
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Benzophenone Concentration Rank 9

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 16.228 | 2.13 ng | 48317 | Acenaphthene-d10 | 14.894 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone             | 182 | C13H10O  | 000119-61-9 | 86   |
| 2    |    |   | 2-Hydroxyfluorene        | 182 | C13H10O  | 002443-58-5 | 58   |
| 3    |    |   | Phenazine, 5,10-dihydro- | 182 | C12H10N2 | 000613-32-1 | 52   |
| 4    |    |   | 4,4'-Dimethylbiphenyl    | 182 | C14H14   | 000613-33-2 | 50   |
| 5    |    |   | 3,3'-Dimethylbiphenyl    | 182 | C14H14   | 000612-75-9 | 47   |



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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
NPHACK-SOIL-0201

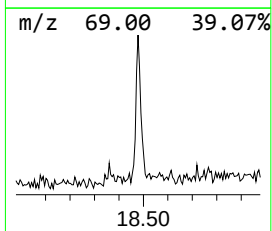
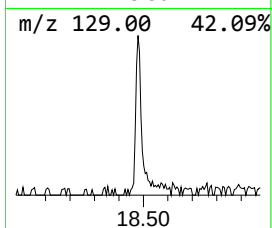
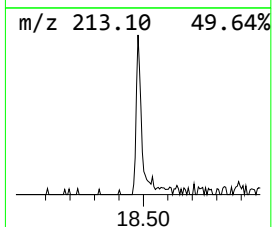
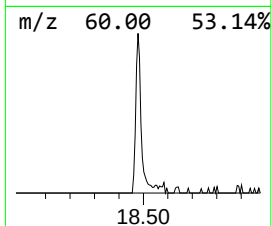
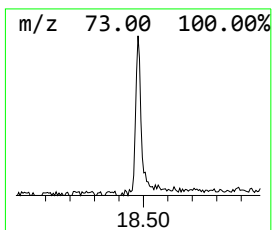
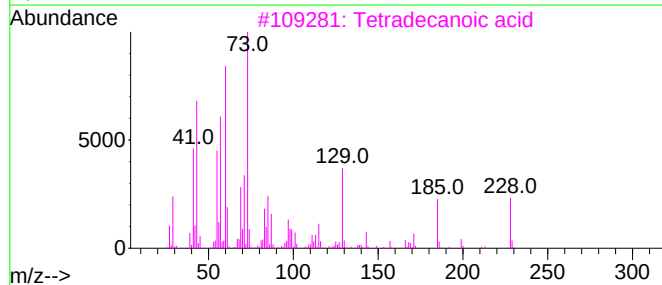
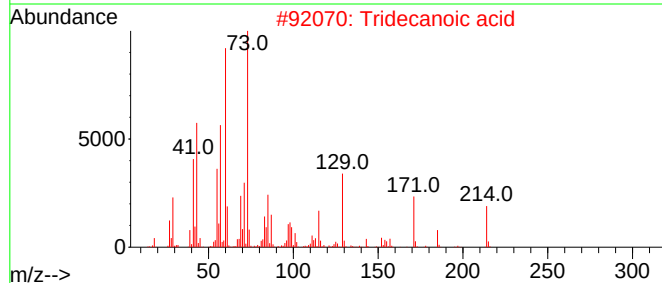
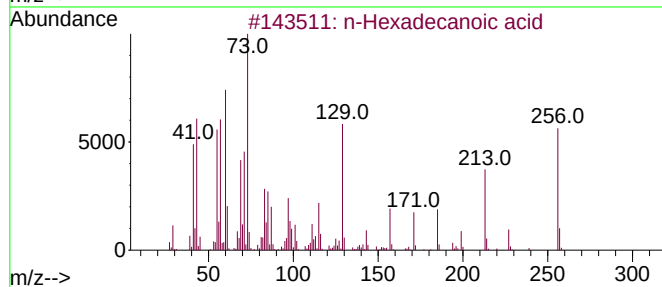
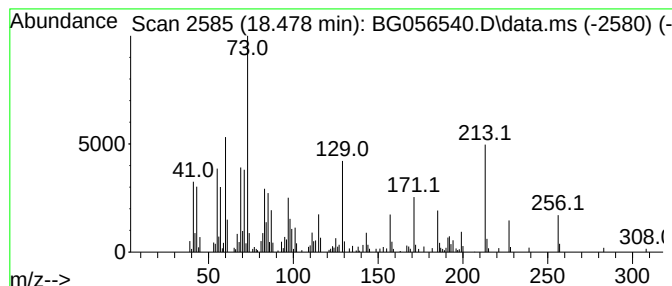
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

| R.T.      | EstConc             | Area   | Relative to ISTD |          | R.T.        |      |
|-----------|---------------------|--------|------------------|----------|-------------|------|
| 18.478    | 7.43 ng             | 212631 | Phenanthrene-d10 |          | 17.632      |      |
| Hit# of 5 | Tentative ID        |        | MW               | MolForm  | CAS#        | Qual |
| 1         | n-Hexadecanoic acid |        | 256              | C16H32O2 | 000057-10-3 | 96   |
| 2         | Tridecanoic acid    |        | 214              | C13H26O2 | 000638-53-9 | 93   |
| 3         | Tetradecanoic acid  |        | 228              | C14H28O2 | 000544-63-8 | 59   |
| 4         | Pentadecanoic acid  |        | 242              | C15H30O2 | 001002-84-2 | 49   |
| 5         | n-Decanoic acid     |        | 172              | C10H20O2 | 000334-48-5 | 49   |



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Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
NPHACK-SOIL-0201

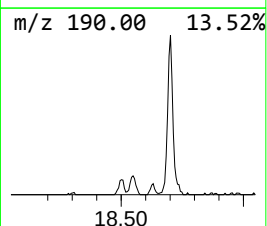
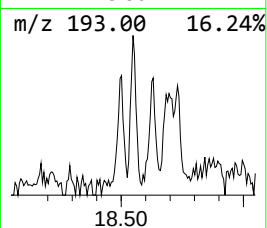
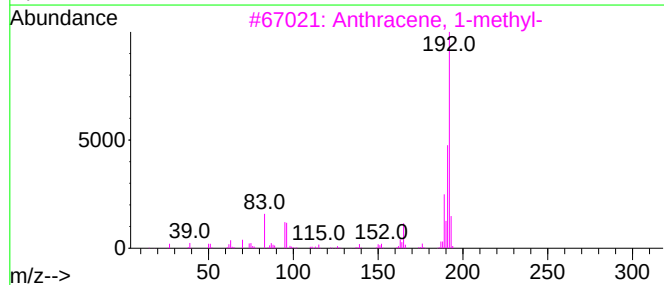
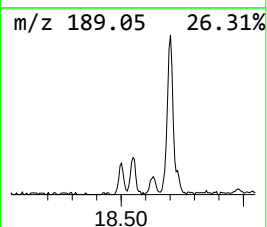
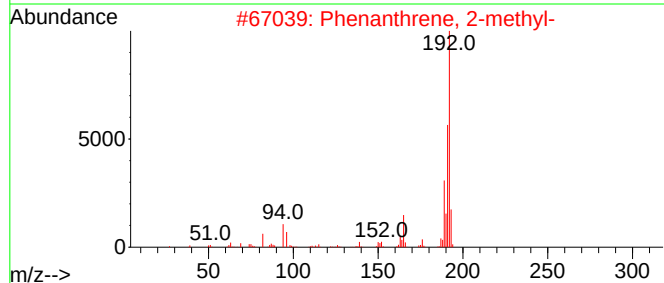
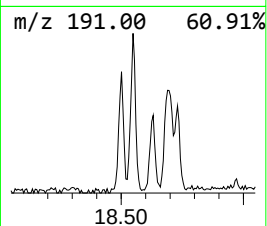
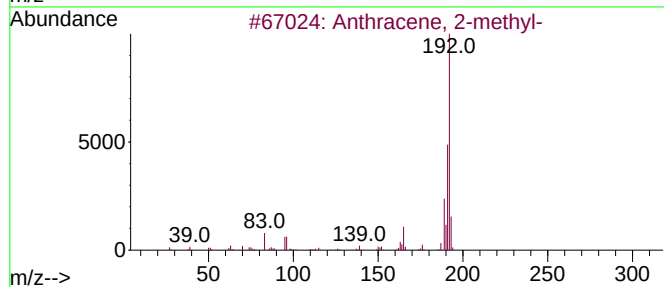
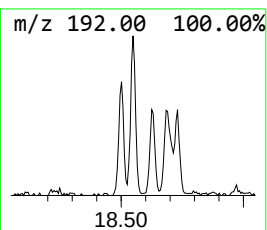
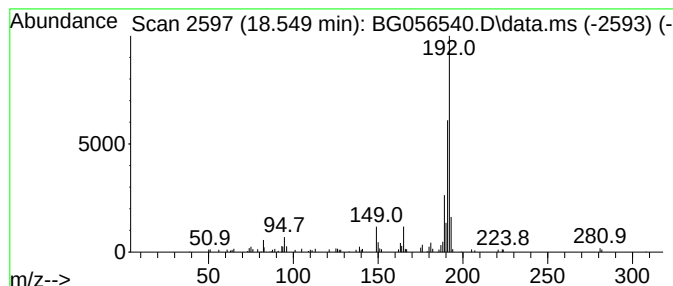
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Anthracene, 2-methyl- Concentration Rank 5

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 18.549 | 3.04 ng | 87036 | Phenanthrene-d10 | 17.632 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Anthracene, 2-methyl-   | 192 | C15H12  | 000613-12-7 | 95   |
| 2    |    |   | Phenanthrene, 2-methyl- | 192 | C15H12  | 002531-84-2 | 93   |
| 3    |    |   | Anthracene, 1-methyl-   | 192 | C15H12  | 000610-48-0 | 90   |
| 4    |    |   | Anthracene, 9-methyl-   | 192 | C15H12  | 000779-02-2 | 90   |
| 5    |    |   | Phenanthrene, 1-methyl- | 192 | C15H12  | 000832-69-9 | 89   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020323\  
Data File : BG056540.D  
Acq On : 3 Feb 2023 15:50  
Operator : CG/JU  
Sample : 01404-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
NPHACK-SOIL-0201

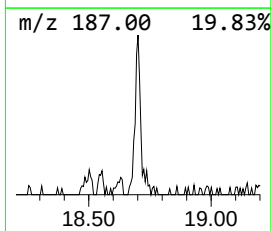
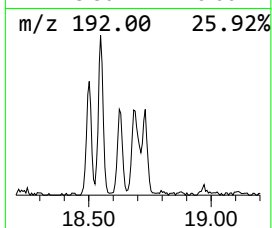
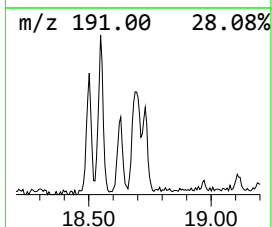
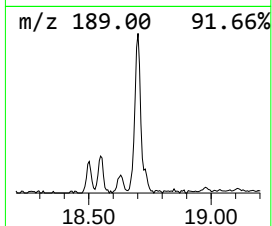
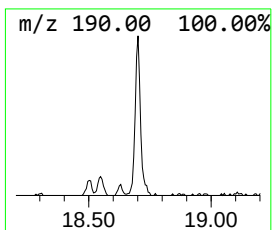
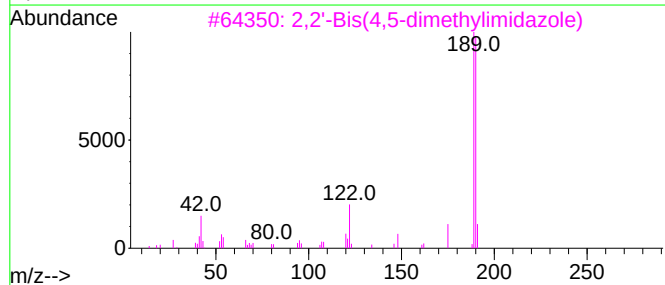
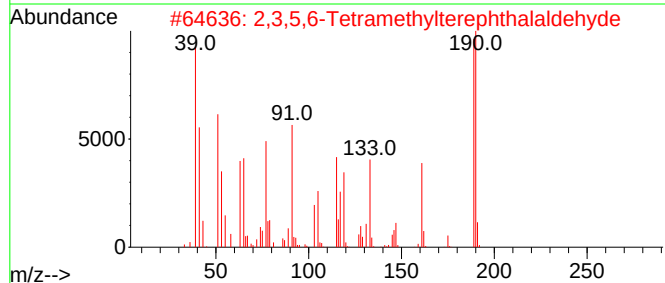
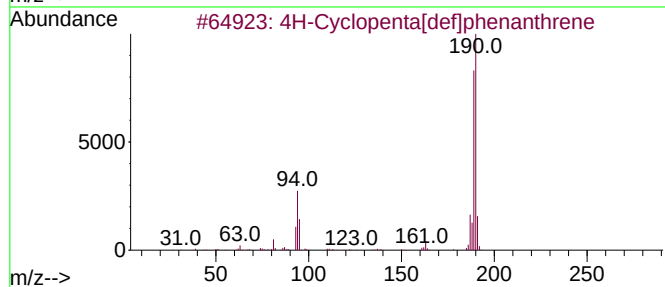
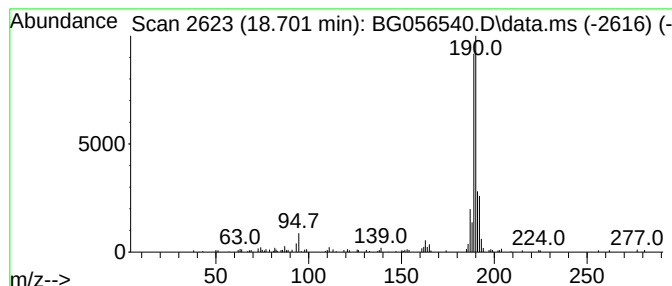
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 18.701    | 4.94 ng                             | 141341 | Phenanthrene-d10 | 17.632      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 4H-Cyclopenta[def]phenanthrene      | 190    | C15H10           | 000203-64-5 | 87   |
| 2         | 2,3,5,6-Tetramethylterephthalald... | 190    | C12H14O2         | 007072-01-7 | 53   |
| 3         | 2,2'-Bis(4,5-dimethylimidazole)     | 190    | C10H14N4         | 069286-06-2 | 36   |
| 4         | Pyrimidine, 2-chloro-5-phenyl-      | 190    | C10H7ClN2        | 022536-62-5 | 25   |
| 5         | 1,4-Naphthalenedione, 2,5-dihydr... | 190    | C10H6O4          | 004923-55-1 | 23   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020323\  
Data File : BG056540.D  
Acq On : 3 Feb 2023 15:50  
Operator : CG/JU  
Sample : 01404-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
NPHACK-SOIL-0201

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

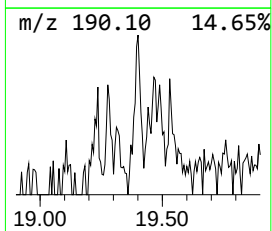
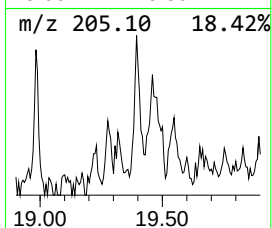
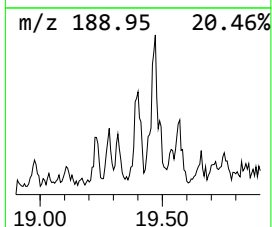
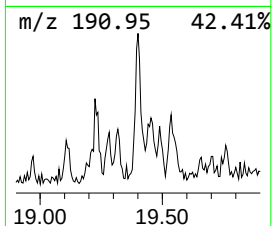
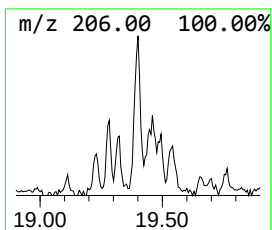
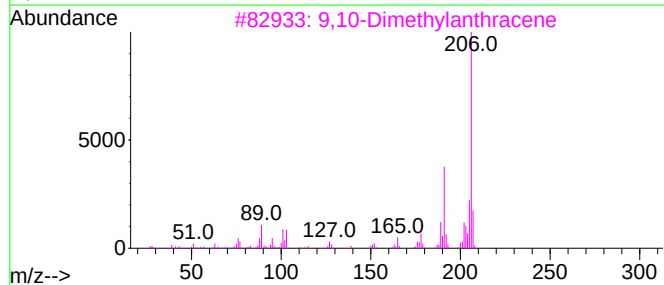
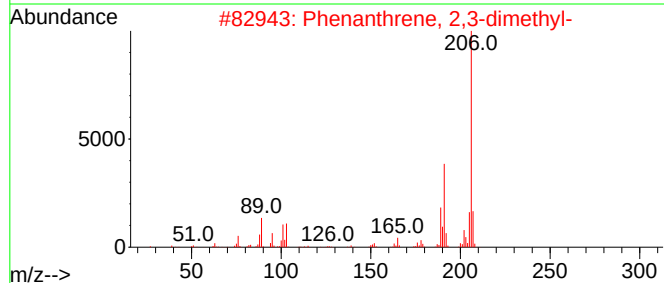
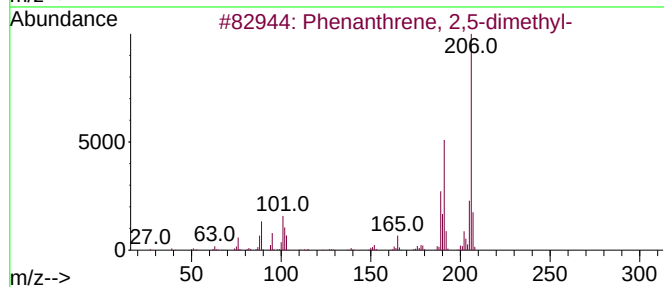
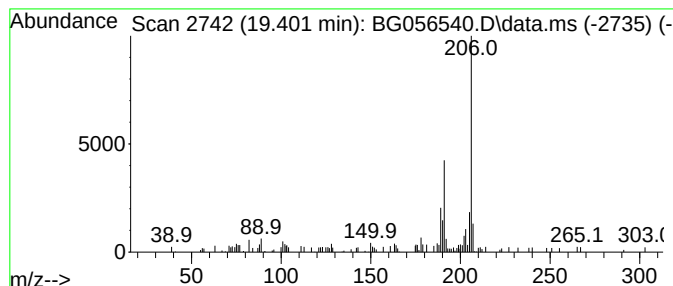
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 19.401 | 2.44 ng | 69717 | Phenanthrene-d10 | 17.632 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Phenanthrene, 2,5-dimethyl- | 206 | C16H14  | 003674-66-6 | 94   |
| 2    |    |   | Phenanthrene, 2,3-dimethyl- | 206 | C16H14  | 003674-65-5 | 91   |
| 3    |    |   | 9,10-Dimethylanthracene     | 206 | C16H14  | 000781-43-1 | 90   |
| 4    |    |   | Phenanthrene, 1,7-dimethyl- | 206 | C16H14  | 000483-87-4 | 89   |
| 5    |    |   | Anthracene, 1,4-dimethyl-   | 206 | C16H14  | 000781-92-0 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020323\  
Data File : BG056540.D  
Acq On : 3 Feb 2023 15:50  
Operator : CG/JU  
Sample : 01404-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
NPHACK-SOIL-0201

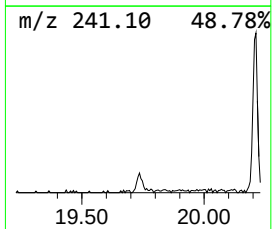
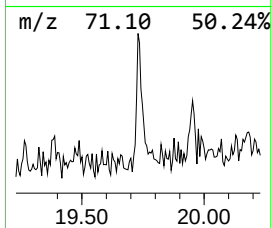
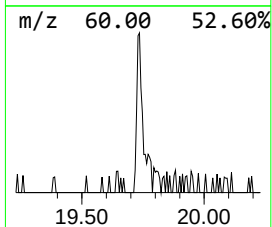
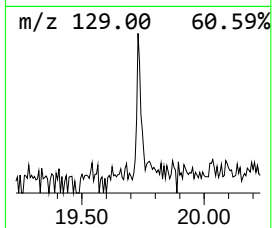
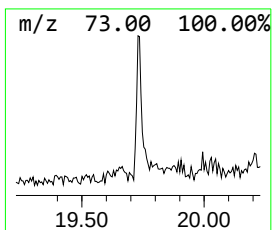
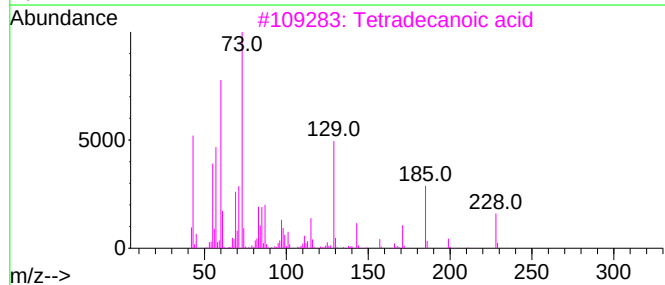
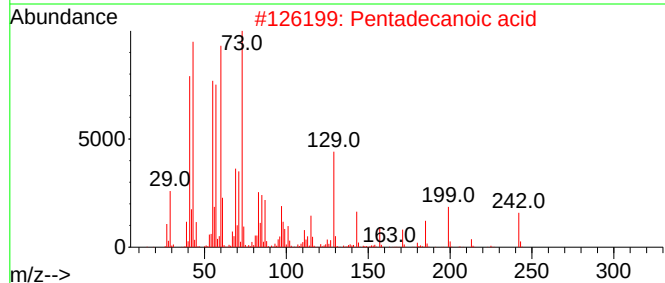
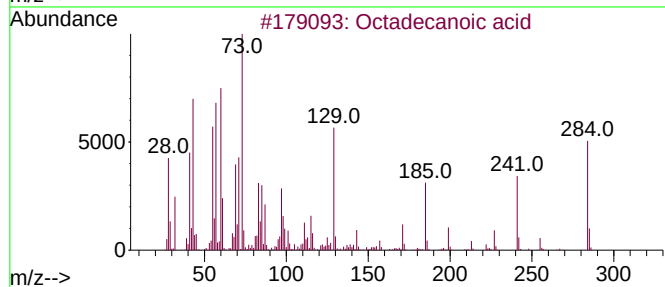
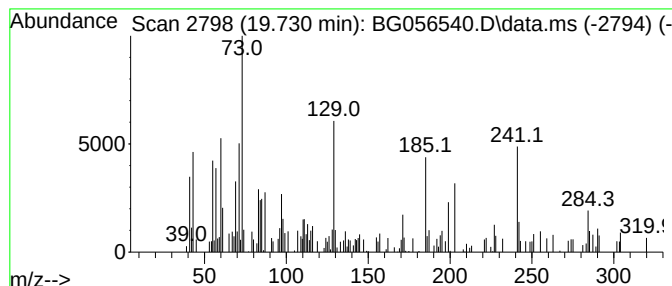
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Octadecanoic acid Concentration Rank 10

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 19.730 | 2.12 ng | 60753 | Phenanthrene-d10 | 17.632 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Octadecanoic acid                   | 284 | C18H36O2 | 000057-11-4  | 78   |
| 2    |    |   | Pentadecanoic acid                  | 242 | C15H30O2 | 001002-84-2  | 60   |
| 3    |    |   | Tetradecanoic acid                  | 228 | C14H28O2 | 000544-63-8  | 25   |
| 4    |    |   | Adipic acid, butyl trans-2-methy... | 298 | C17H30O4 | 1000324-74-6 | 22   |
| 5    |    |   | Adipic acid, cycloheptyl isobuty... | 298 | C17H30O4 | 1000324-71-5 | 22   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020323\  
Data File : BG056540.D  
Acq On : 3 Feb 2023 15:50  
Operator : CG/JU  
Sample : 01404-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
NPHACK-SOIL-0201

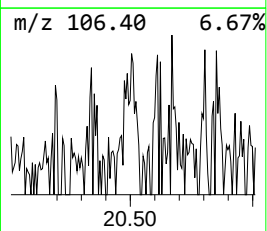
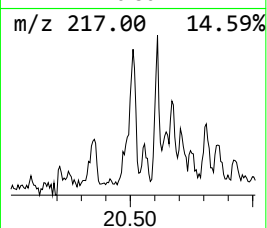
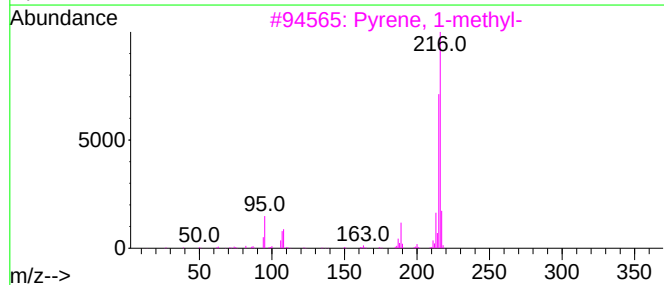
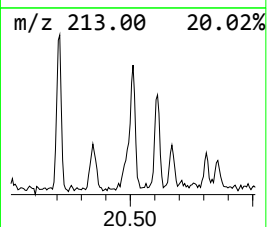
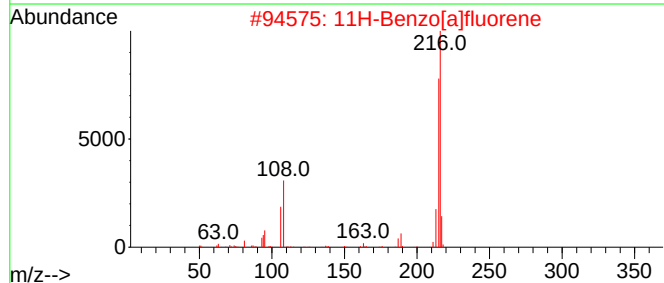
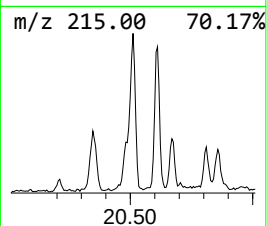
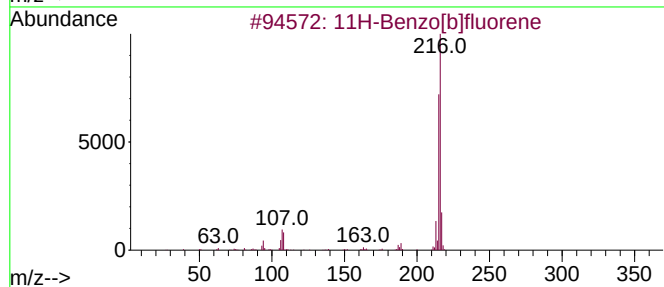
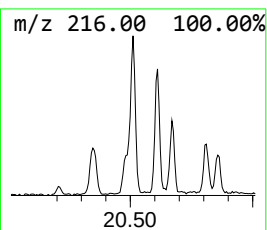
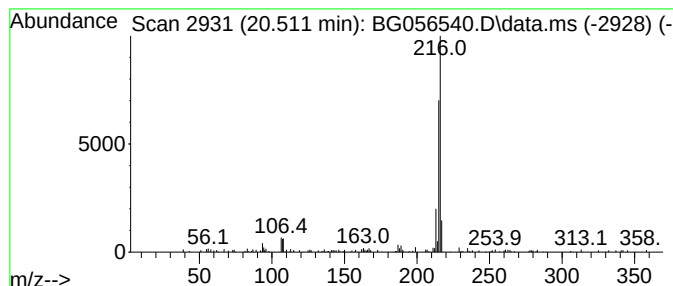
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 20.511 | 2.28 ng | 109761 | Chrysene-d12     | 21.921 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | 11H-Benzo[b]fluorene    | 216 | C17H12  | 000243-17-4 | 91   |
| 2    |    |   | 11H-Benzo[a]fluorene    | 216 | C17H12  | 000238-84-6 | 87   |
| 3    |    |   | Pyrene, 1-methyl-       | 216 | C17H12  | 002381-21-7 | 83   |
| 4    |    |   | Fluoranthene, 2-methyl- | 216 | C17H12  | 033543-31-6 | 74   |
| 5    |    |   | Pyrene, 4-methyl-       | 216 | C17H12  | 003353-12-6 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020323\  
Data File : BG056540.D  
Acq On : 3 Feb 2023 15:50  
Operator : CG/JU  
Sample : 01404-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

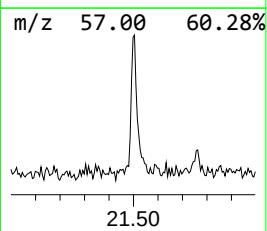
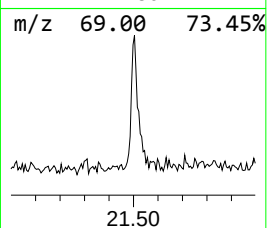
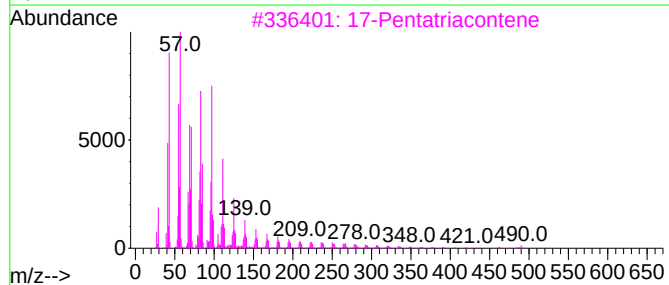
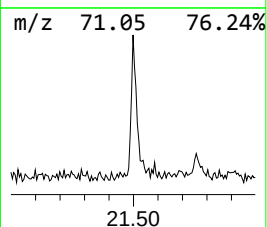
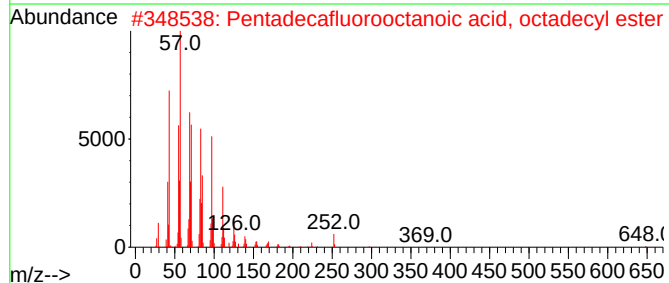
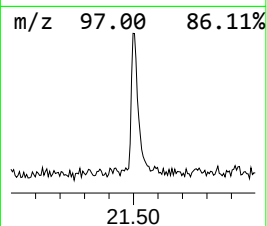
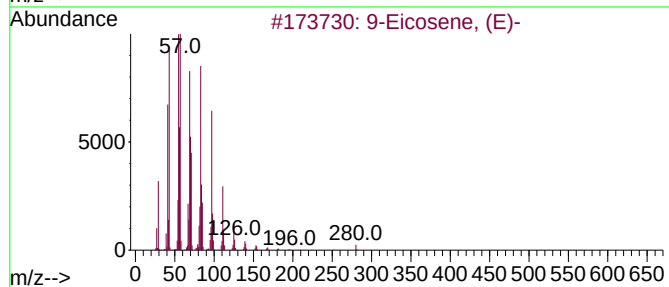
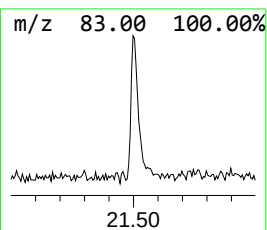
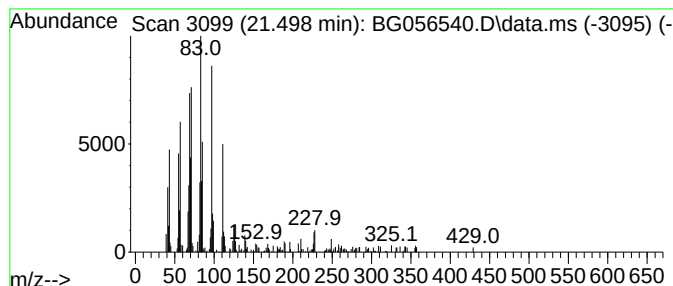
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BNA\_G  
ClientSampleId :  
NPHACK-SOIL-0201

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 9-Eicosene, (E)- Concentration Rank 4

| R.T.      | EstConc                                       | Area   | Relative to ISTD | R.T.         |      |
|-----------|-----------------------------------------------|--------|------------------|--------------|------|
| 21.498    | 4.23 ng                                       | 204008 | Chrysene-d12     | 21.921       |      |
| Hit# of 5 | Tentative ID                                  | MW     | MolForm          | CAS#         | Qual |
| 1         | 9-Eicosene, (E)-                              | 280    | C20H40           | 074685-29-3  | 83   |
| 2         | Pentadecafluorooctanoic acid, octadecafluoro- | 666    | C26H37F15O2      | 1000406-04-8 | 80   |
| 3         | 17-Pentatriacontene                           | 491    | C35H70           | 006971-40-0  | 72   |
| 4         | Nonacos-1-ene                                 | 406    | C29H58           | 018835-35-3  | 72   |
| 5         | Heptadecyl heptafluorobutyrate                | 452    | C21H35F7O2       | 959085-66-6  | 68   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020323\  
Data File : BG056540.D  
Acq On : 3 Feb 2023 15:50  
Operator : CG/JU  
Sample : 01404-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
NPHACK-SOIL-0201

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| 2-Pentanone, 4-... | 5.311  | 17.2    | ng    | 178092   | 1                     | 8.272  | 207223 | 20.0 |
| Benzophenone       | 16.228 | 2.1     | ng    | 48317    | 3                     | 14.894 | 452817 | 20.0 |
| n-Hexadecanoic ... | 18.478 | 7.4     | ng    | 212631   | 4                     | 17.632 | 572623 | 20.0 |
| Anthracene, 2-m... | 18.549 | 3.0     | ng    | 87036    | 4                     | 17.632 | 572623 | 20.0 |
| 4H-Cyclopenta[d... | 18.701 | 4.9     | ng    | 141341   | 4                     | 17.632 | 572623 | 20.0 |
| Phenanthrene, 2... | 19.401 | 2.4     | ng    | 69717    | 4                     | 17.632 | 572623 | 20.0 |
| Octadecanoic acid  | 19.730 | 2.1     | ng    | 60753    | 4                     | 17.632 | 572623 | 20.0 |
| 11H-Benzo[b]flu... | 20.511 | 2.3     | ng    | 109761   | 5                     | 21.921 | 964678 | 20.0 |
| 9-Eicosene, (E)-   | 21.498 | 4.2     | ng    | 204008   | 5                     | 21.921 | 964678 | 20.0 |