

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
 Data File : BM050070.D  
 Acq On : 01 May 2025 18:41  
 Operator : RC/JU  
 Sample : Q1906-05  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC-5

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\_M\Methods\8270-BM042825.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050070.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         | 4.869       | 315           | 320         | 328          | rBV      | 316660         | 443067        | 3.78%           | 0.500%        |
| 2         | 5.340       | 392           | 400         | 415          | rBV      | 2596957        | 3855128       | 32.91%          | 4.348%        |
| 3         | 6.934       | 661           | 671         | 692          | rBV      | 2659131        | 4644765       | 39.65%          | 5.239%        |
| 4         | 7.745       | 801           | 809         | 820          | rBV      | 877769         | 1410094       | 12.04%          | 1.590%        |
| 5         | 8.904       | 998           | 1006        | 1026         | rBV      | 1643248        | 2928571       | 25.00%          | 3.303%        |
| 6         | 10.539      | 1277          | 1284        | 1298         | rBV      | 1026715        | 1875263       | 16.01%          | 2.115%        |
| 7         | 13.010      | 1697          | 1704        | 1720         | rBV      | 4636573        | 6931430       | 59.17%          | 7.818%        |
| 8         | 14.116      | 1887          | 1892        | 1905         | rVB      | 145321         | 249762        | 2.13%           | 0.282%        |
| 9         | 14.392      | 1931          | 1939        | 1946         | rBV      | 1798393        | 2644974       | 22.58%          | 2.983%        |
| 10        | 15.751      | 2162          | 2170        | 2184         | rVB      | 1248579        | 1820695       | 15.54%          | 2.054%        |
| 11        | 15.886      | 2186          | 2193        | 2216         | rVV      | 4178731        | 6075361       | 51.87%          | 6.852%        |
| 12        | 16.315      | 2261          | 2266        | 2277         | rVB2     | 199925         | 353303        | 3.02%           | 0.398%        |
| 13        | 17.139      | 2400          | 2406        | 2410         | rBV2     | 2249305        | 3142828       | 26.83%          | 3.545%        |
| 14        | 17.180      | 2410          | 2413        | 2419         | rVB      | 795928         | 1114713       | 9.52%           | 1.257%        |
| 15        | 17.274      | 2425          | 2429        | 2435         | rVB      | 219874         | 304915        | 2.60%           | 0.344%        |
| 16        | 17.557      | 2470          | 2477        | 2488         | rBV3     | 49018          | 154513        | 1.32%           | 0.174%        |
| 17        | 17.921      | 2534          | 2539        | 2545         | rBV2     | 160720         | 319031        | 2.72%           | 0.360%        |
| 18        | 18.039      | 2551          | 2559        | 2568         | rBV2     | 1073298        | 2155334       | 18.40%          | 2.431%        |
| 19        | 18.104      | 2568          | 2570        | 2574         | rVV      | 116943         | 163868        | 1.40%           | 0.185%        |
| 20        | 18.145      | 2574          | 2577        | 2583         | rVB      | 92968          | 140056        | 1.20%           | 0.158%        |
| 21        | 18.209      | 2583          | 2588        | 2592         | rBV2     | 286726         | 500518        | 4.27%           | 0.565%        |
| 22        | 18.251      | 2592          | 2595        | 2601         | rVB      | 145716         | 197130        | 1.68%           | 0.222%        |
| 23        | 18.521      | 2637          | 2641        | 2645         | rVB      | 127798         | 173728        | 1.48%           | 0.196%        |
| 24        | 18.568      | 2645          | 2649        | 2658         | rBV3     | 107242         | 183498        | 1.57%           | 0.207%        |
| 25        | 18.939      | 2708          | 2712        | 2716         | rBV      | 147482         | 213017        | 1.82%           | 0.240%        |
| 26        | 19.080      | 2732          | 2736        | 2743         | rBV2     | 136558         | 222825        | 1.90%           | 0.251%        |
| 27        | 19.203      | 2751          | 2757        | 2763         | rBV      | 3414641        | 4559885       | 38.93%          | 5.143%        |
| 28        | 19.321      | 2771          | 2777        | 2780         | rBV2     | 246071         | 428582        | 3.66%           | 0.483%        |
| 29        | 19.562      | 2809          | 2818        | 2827         | rBV      | 2986767        | 4662207       | 39.80%          | 5.258%        |
| 30        | 19.639      | 2828          | 2831        | 2837         | rVB2     | 133149         | 200898        | 1.72%           | 0.227%        |
| 31        | 19.768      | 2846          | 2853        | 2858         | rBV      | 10193365       | 11713788      | 100.00%         | 13.212%       |
| 32        | 19.892      | 2869          | 2874        | 2881         | rBV3     | 190943         | 462724        | 3.95%           | 0.522%        |
| 33        | 20.027      | 2893          | 2897        | 2899         | rBV2     | 168029         | 255041        | 2.18%           | 0.288%        |
| 34        | 20.062      | 2899          | 2903        | 2909         | rVB2     | 466020         | 706094        | 6.03%           | 0.796%        |
| 35        | 20.162      | 2916          | 2920        | 2924         | rBV2     | 283522         | 360295        | 3.08%           | 0.406%        |
| 36        | 20.221      | 2925          | 2930        | 2934         | rVB2     | 283769         | 449644        | 3.84%           | 0.507%        |

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Sample : Q1906-05  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-5

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\_M\Methods\8270-BM042825.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 20.362 | 2951 | 2954 | 2957 | rVB  | 161221  | 163213  | 1.39%  | 0.184% |
| 38 | 20.409 | 2958 | 2962 | 2965 | rBV  | 164608  | 225550  | 1.93%  | 0.254% |
| 39 | 20.815 | 3028 | 3031 | 3034 | rBV  | 278278  | 392123  | 3.35%  | 0.442% |
| 40 | 21.062 | 3069 | 3073 | 3080 | rVB3 | 545047  | 951785  | 8.13%  | 1.074% |
| 41 | 21.380 | 3119 | 3127 | 3131 | rBV2 | 3270388 | 6752821 | 57.65% | 7.616% |
| 42 | 21.421 | 3131 | 3134 | 3146 | rVB  | 1523625 | 2444976 | 20.87% | 2.758% |
| 43 | 21.521 | 3148 | 3151 | 3155 | rBV2 | 252334  | 330635  | 2.82%  | 0.373% |
| 44 | 21.568 | 3156 | 3159 | 3167 | rVB2 | 243210  | 336318  | 2.87%  | 0.379% |
| 45 | 23.427 | 3469 | 3475 | 3482 | rBV  | 1204797 | 3287235 | 28.06% | 3.708% |
| 46 | 24.097 | 3583 | 3589 | 3601 | rVB  | 667364  | 1650789 | 14.09% | 1.862% |
| 47 | 24.233 | 3605 | 3612 | 3626 | rVB  | 1048037 | 2594686 | 22.15% | 2.927% |
| 48 | 24.374 | 3628 | 3636 | 3643 | rBV  | 1484954 | 3513927 | 30.00% | 3.963% |

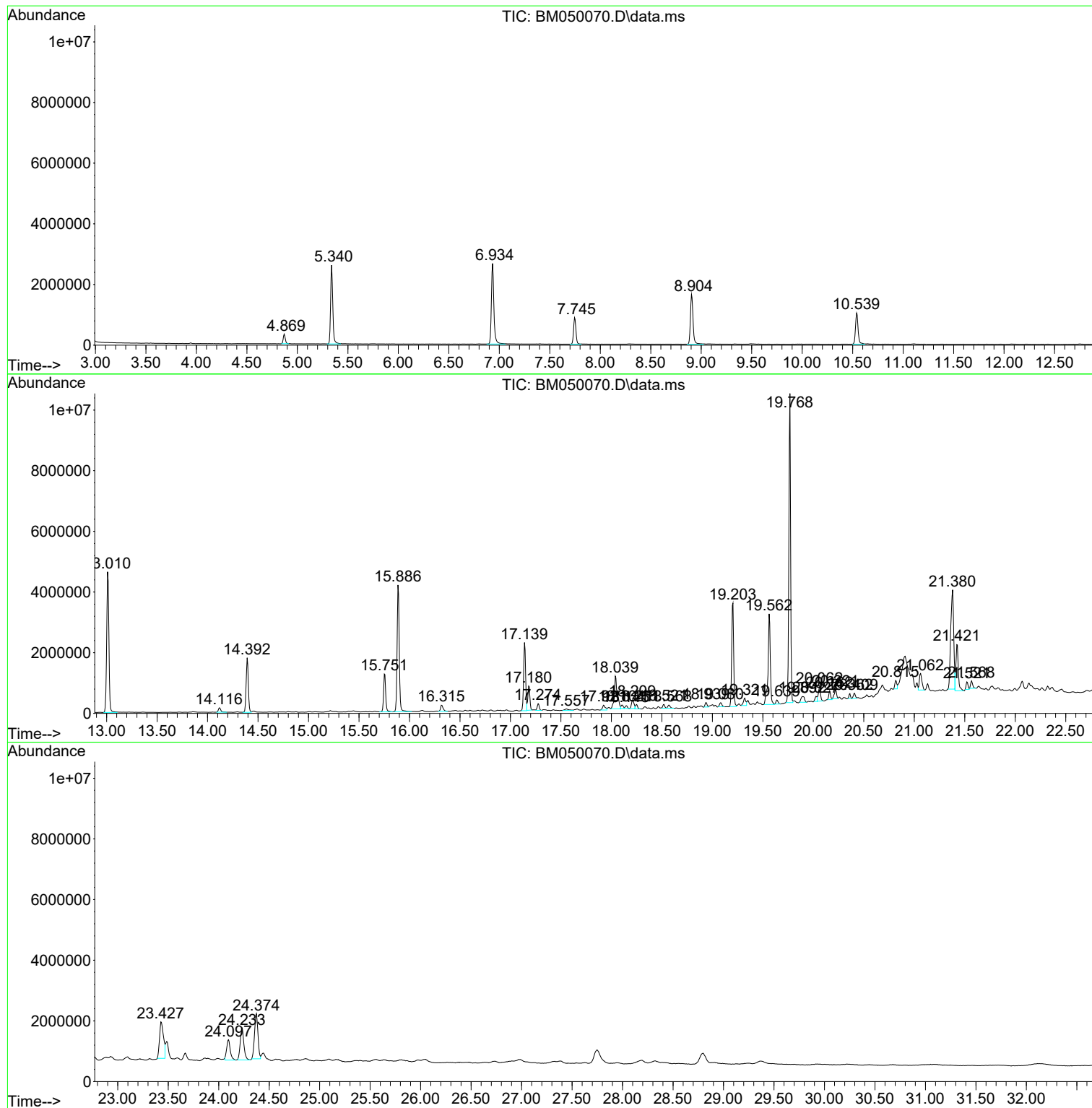
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050070.D  
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Sample : Q1906-05  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.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\_M\Data\BM050125\  
Data File : BM050070.D  
Acq On : 01 May 2025 18:41  
Operator : RC/JU  
Sample : Q1906-05  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

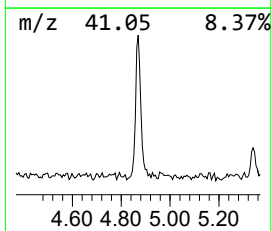
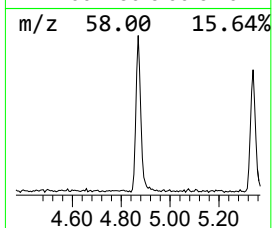
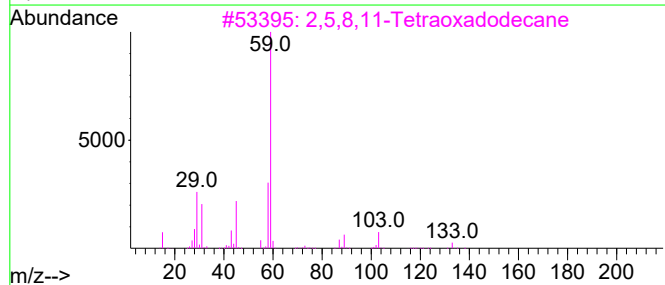
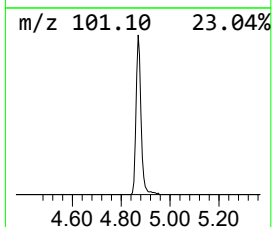
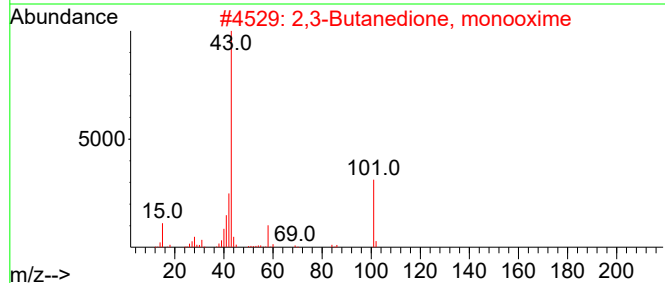
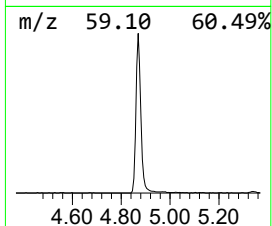
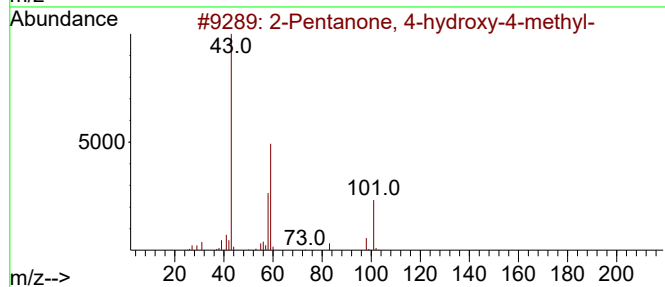
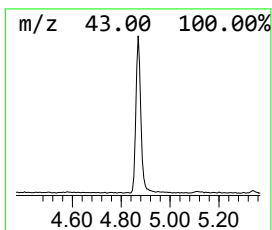
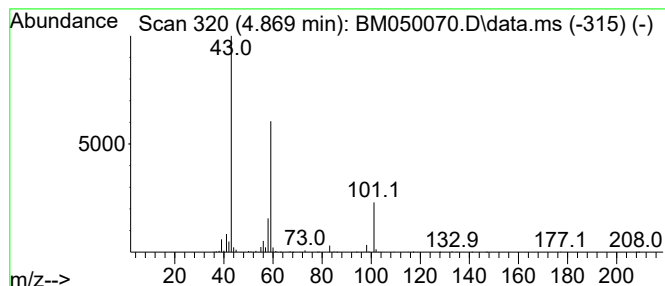
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.869 | 6.28 ng | 443067 | 1,4-Dichlorobenzene-d4 | 7.745 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 56      |      |      |
| 2    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2      | 000057-71-6 | 25      |      |      |
| 3    | 2,5,8,11-Tetraoxadodecane           | 178 | C8H18O4      | 000112-49-2 | 23      |      |      |
| 4    | 4-Hydroxy-3-hexanone                | 116 | C6H12O2      | 004984-85-4 | 17      |      |      |
| 5    | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2     | 001116-98-9 | 17      |      |      |



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Instrument :  
BNA\_M  
ClientSampleId :  
WC-5

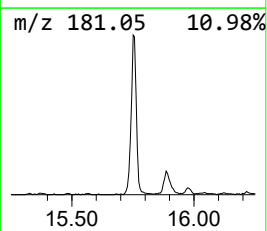
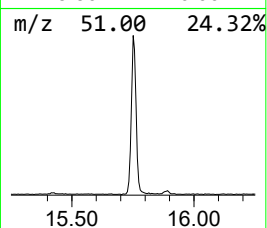
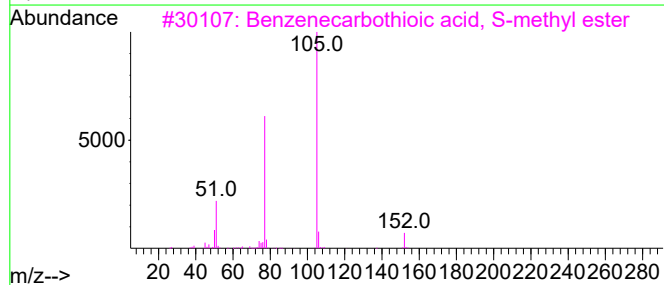
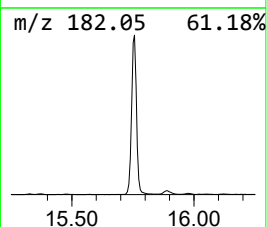
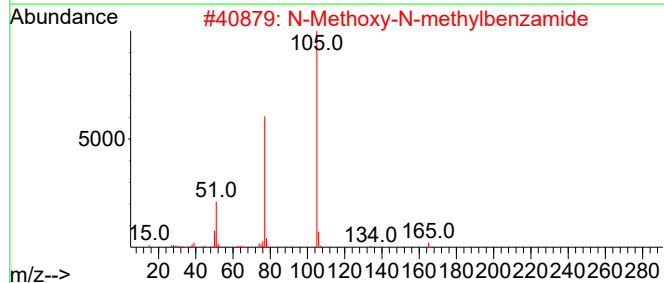
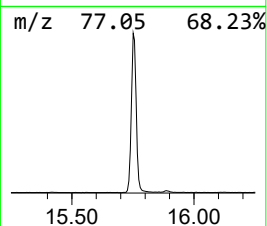
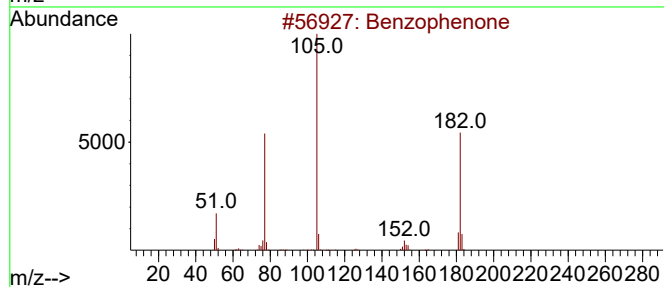
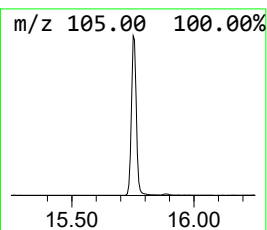
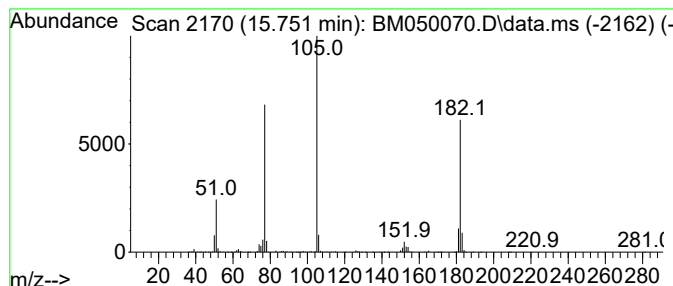
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Benzophenone Concentration Rank 1

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 15.751 | 13.77 ng | 1820700 | Acenaphthene-d10 | 14.392 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 96   |
| 2    |    |   | N-Methoxy-N-methylbenzamide         | 165 | C9H11NO2 | 006919-61-5 | 49   |
| 3    |    |   | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS   | 005925-68-8 | 49   |
| 4    |    |   | Benzeneacetic acid, .alpha.-oxo-... | 164 | C9H8O3   | 015206-55-0 | 47   |
| 5    |    |   | Benzenebutanoic acid, .gamma.-oxo-  | 178 | C10H10O3 | 002051-95-8 | 47   |



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WC-5

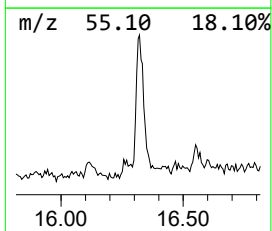
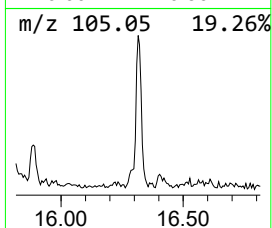
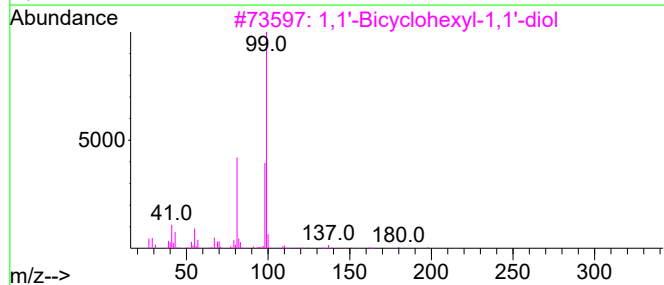
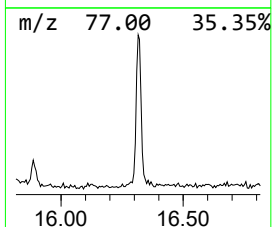
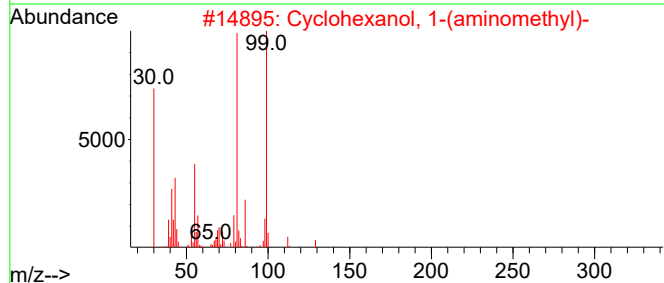
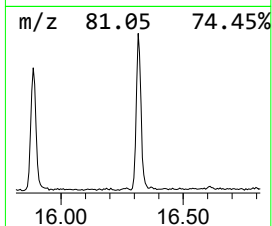
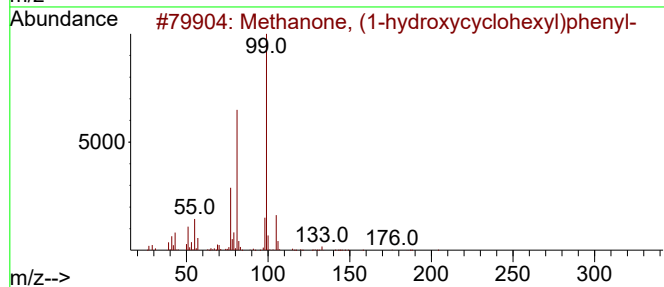
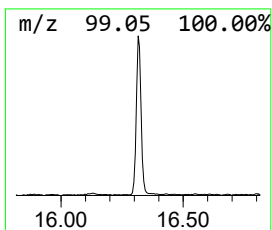
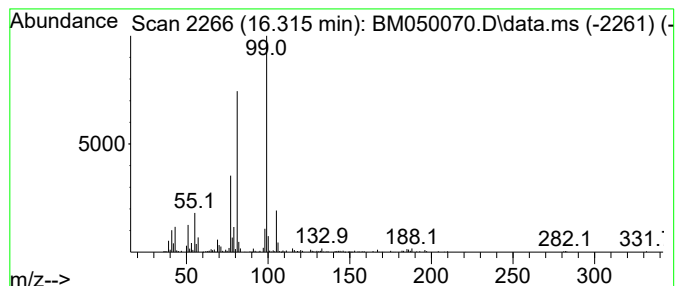
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Methanone, (1-hydroxycyclohexyl) Concentration Rank 7

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 16.315 | 2.25 ng | 353303 | Phenanthrene-d10 | 17.139 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Methanone, (1-hydroxycyclohexyl)... | 204 | C13H16O2 | 000947-19-3 | 86   |
| 2    |    |   | Cyclohexanol, 1-(aminomethyl)-      | 129 | C7H15NO  | 004000-72-0 | 45   |
| 3    |    |   | 1,1'-Bicyclohexyl-1,1'-diol         | 198 | C12H22O2 | 002888-11-1 | 45   |
| 4    |    |   | Cyclohexanol, 1-ethyl-              | 128 | C8H16O   | 001940-18-7 | 35   |
| 5    |    |   | 1,4-Dioxaspiro[4.5]decane           | 142 | C8H14O2  | 000177-10-6 | 27   |



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ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-5

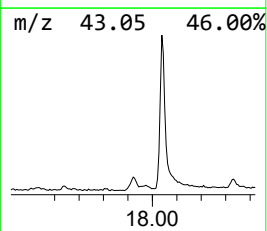
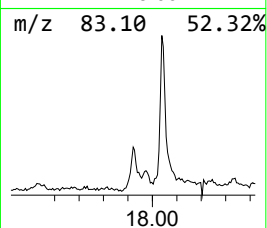
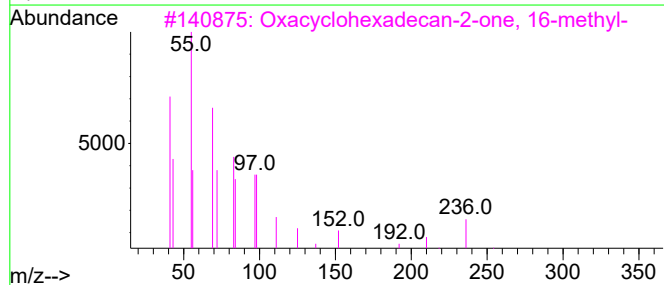
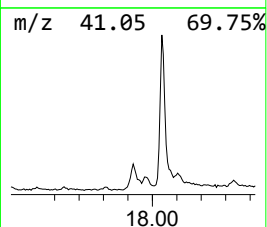
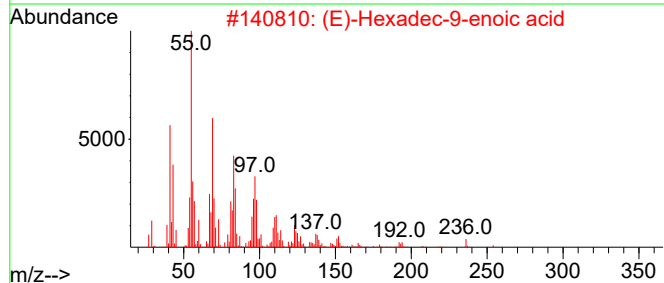
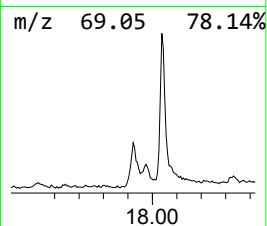
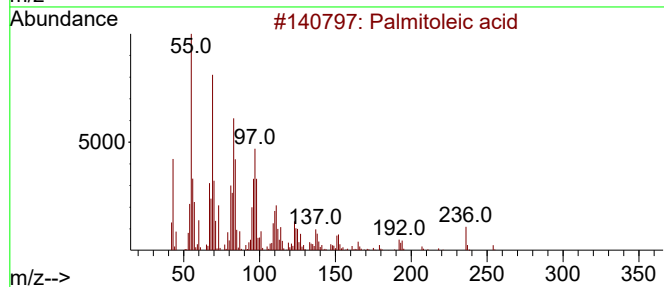
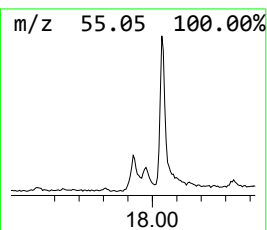
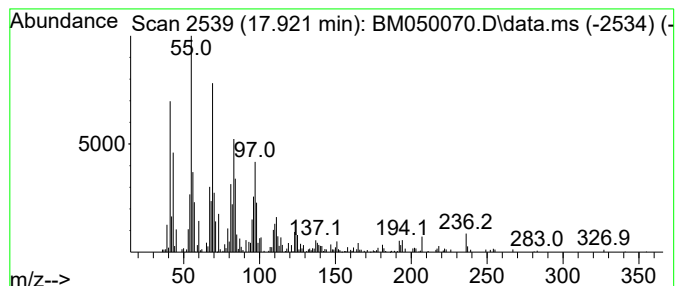
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Palmitoleic acid Concentration Rank 9

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 17.921 | 2.03 ng | 319031 | Phenanthrene-d10 | 17.139 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Palmitoleic acid                    | 254 | C16H30O2 | 000373-49-9 | 98   |
| 2    |    |   | (E)-Hexadec-9-enoic acid            | 254 | C16H30O2 | 010030-73-6 | 97   |
| 3    |    |   | Oxacyclohexadecan-2-one, 16-methyl- | 254 | C16H30O2 | 004459-57-8 | 89   |
| 4    |    |   | cis-7-Hexadecenoic acid             | 254 | C16H30O2 | 002416-19-5 | 83   |
| 5    |    |   | 6-Tetradecene, (Z)-                 | 196 | C14H28   | 041446-61-1 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050070.D  
Acq On : 01 May 2025 18:41  
Operator : RC/JU  
Sample : Q1906-05  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-5

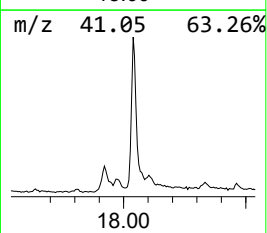
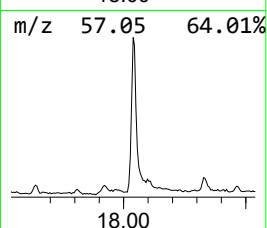
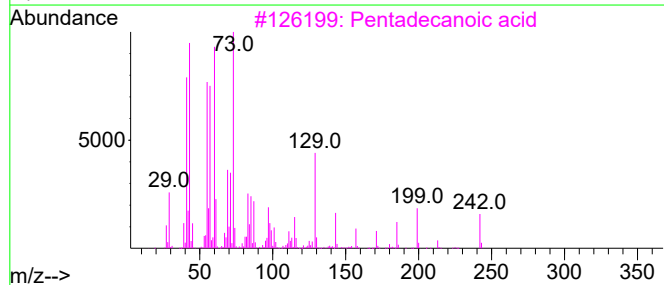
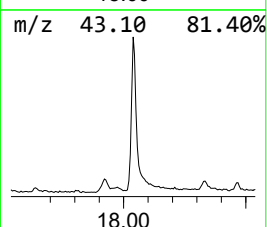
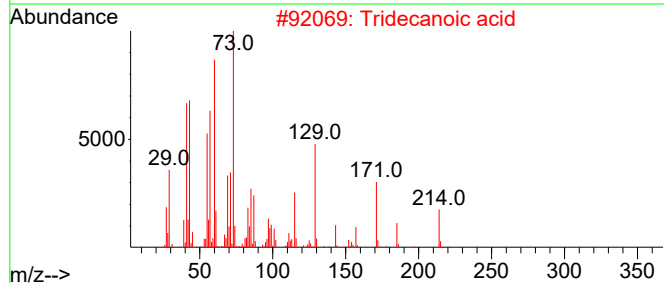
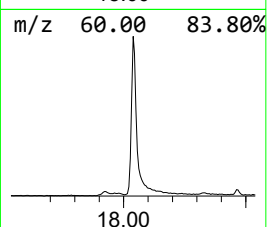
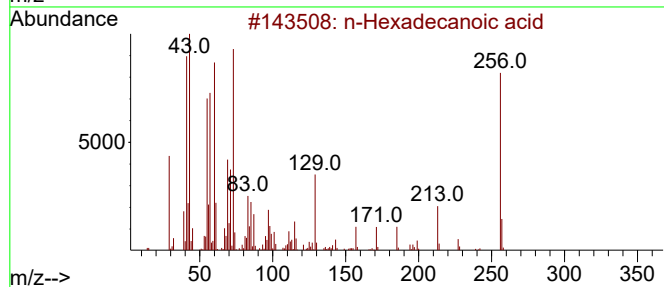
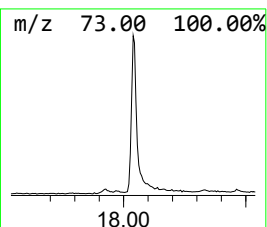
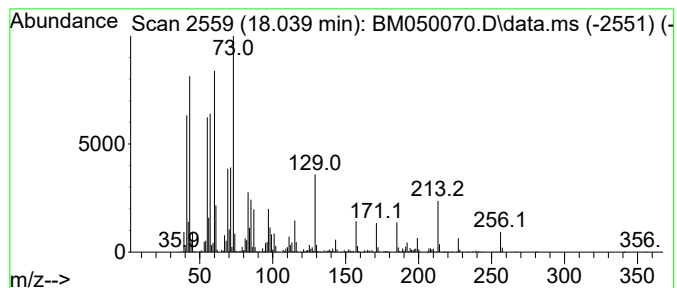
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

| R.T.      | EstConc             | Area    | Relative to ISTD |          | R.T.        |      |
|-----------|---------------------|---------|------------------|----------|-------------|------|
| 18.039    | 13.72 ng            | 2155330 | Phenanthrene-d10 |          | 17.139      |      |
| 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 | 95   |
| 3         | Pentadecanoic acid  |         | 242              | C15H30O2 | 001002-84-2 | 91   |
| 4         | Tetradecanoic acid  |         | 228              | C14H28O2 | 000544-63-8 | 90   |
| 5         | Dodecanoic acid     |         | 200              | C12H24O2 | 000143-07-7 | 58   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050070.D  
Acq On : 01 May 2025 18:41  
Operator : RC/JU  
Sample : Q1906-05  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

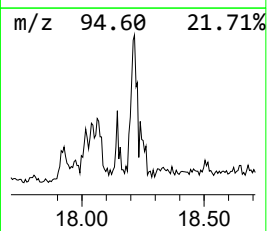
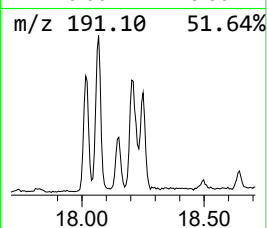
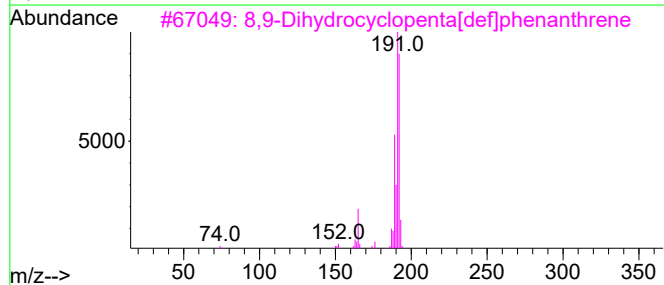
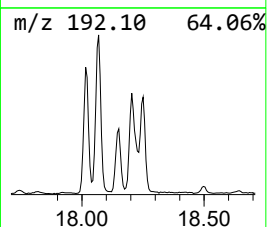
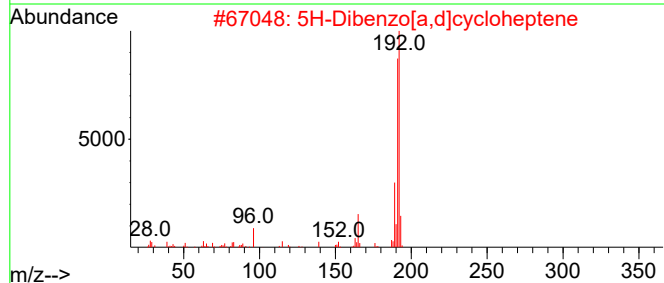
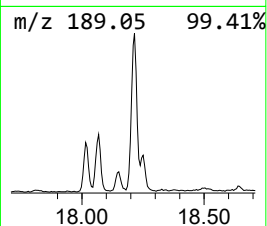
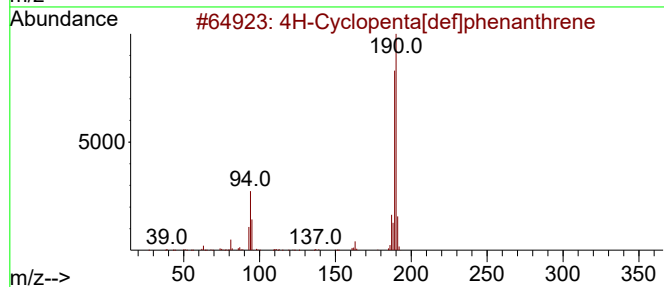
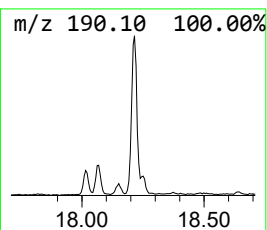
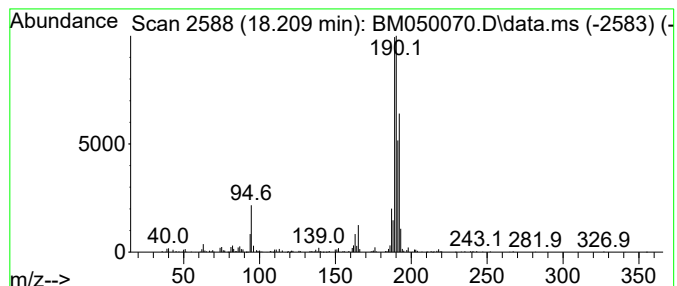
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.209 | 3.19 ng | 500518 | Phenanthrene-d10 | 17.139 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | 4H-Cyclopenta[def]phenanthrene      | 190 | C15H10  | 000203-64-5 | 70   |
| 2    |      | 5H-Dibenzo[a,d]cycloheptene         | 192 | C15H12  | 000256-81-5 | 38   |
| 3    |      | 8,9-Dihydrocyclopenta[def]phenan... | 192 | C15H12  | 027410-55-5 | 35   |
| 4    |      | Phenanthrene, 4-methyl-             | 192 | C15H12  | 000832-64-4 | 35   |
| 5    |      | Phenanthrene, 1-methyl-             | 192 | C15H12  | 000832-69-9 | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050070.D  
Acq On : 01 May 2025 18:41  
Operator : RC/JU  
Sample : Q1906-05  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-5

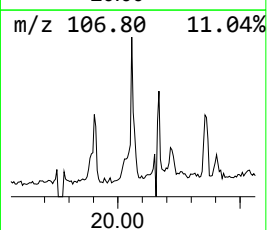
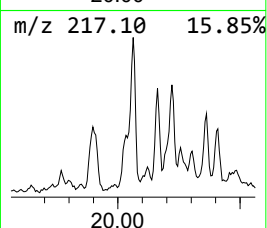
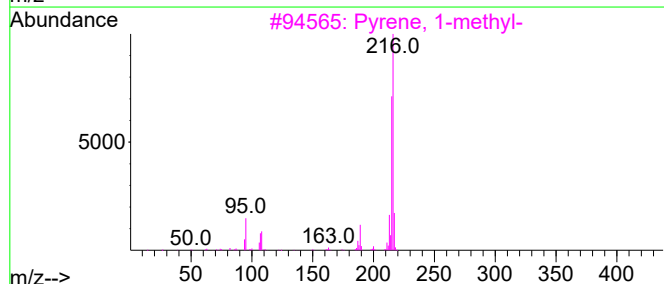
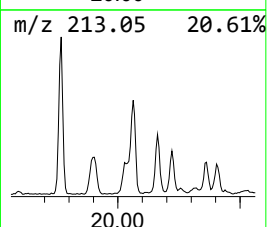
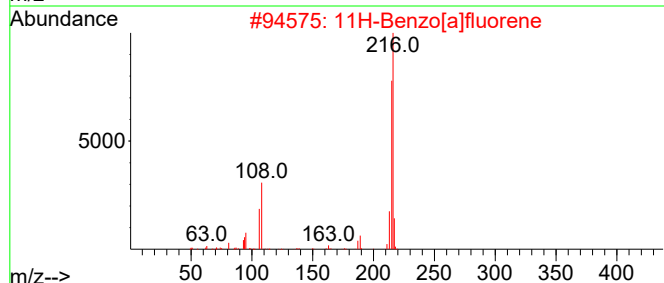
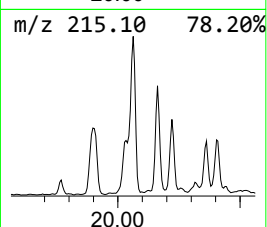
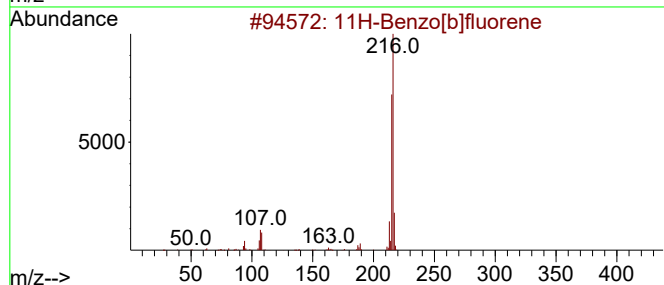
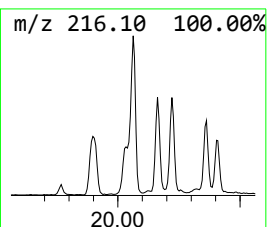
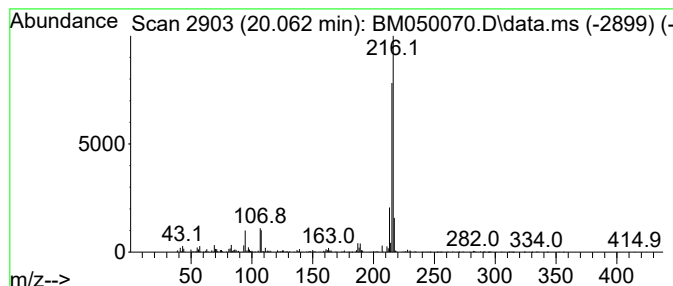
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 20.062 | 2.09 ng | 706094 | Chrysene-d12     | 21.380 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm   | CAS#        | Qual |
|------|----|---|--------------------------------|-----|-----------|-------------|------|
| 1    |    |   | 11H-Benzo[b]fluorene           | 216 | C17H12    | 000243-17-4 | 95   |
| 2    |    |   | 11H-Benzo[a]fluorene           | 216 | C17H12    | 000238-84-6 | 87   |
| 3    |    |   | Pyrene, 1-methyl-              | 216 | C17H12    | 002381-21-7 | 86   |
| 4    |    |   | Fluoranthene, 2-methyl-        | 216 | C17H12    | 033543-31-6 | 72   |
| 5    |    |   | 3-Trifluoromethylcinnamic acid | 216 | C10H7F3O2 | 000779-89-5 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050070.D  
Acq On : 01 May 2025 18:41  
Operator : RC/JU  
Sample : Q1906-05  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-5

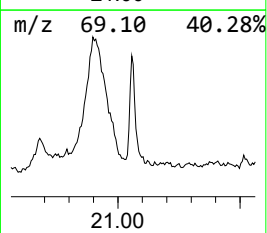
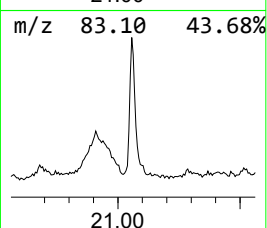
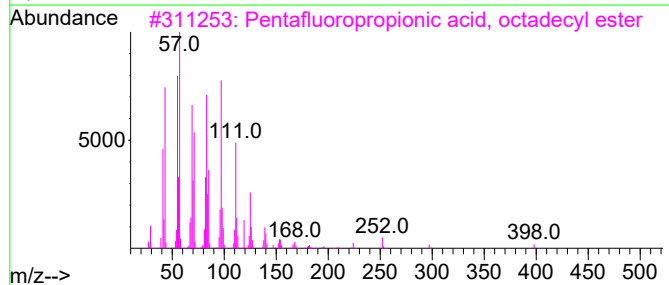
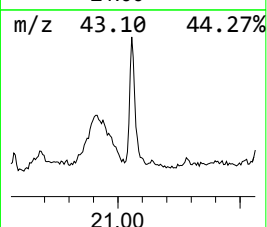
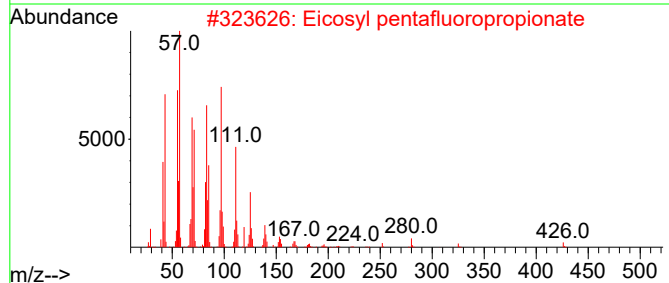
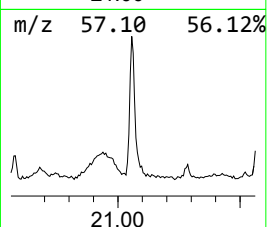
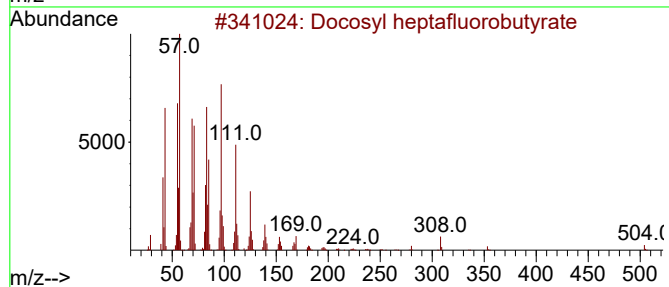
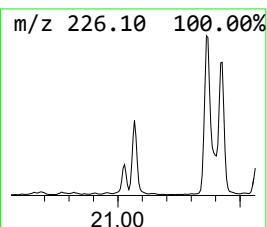
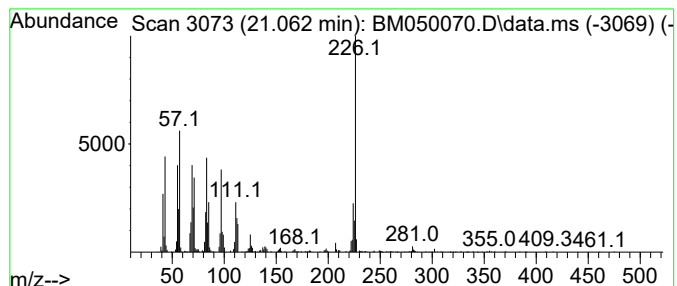
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 unknown21.062 Concentration Rank 6

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.062 | 2.82 ng | 951785 | Chrysene-d12     | 21.380 |

| Hit# | of | 5 | Tentative ID                          | MW  | MolForm    | CAS#         | Qual |
|------|----|---|---------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Docosyl heptafluorobutyrate           | 522 | C26H45F7O2 | 1000351-83-1 | 45   |
| 2    |    |   | Eicosyl pentafluoropropionate         | 444 | C23H41F5O2 | 1000351-80-8 | 43   |
| 3    |    |   | Pentafluoropropionic acid, octadec... | 416 | C21H37F5O2 | 959261-25-7  | 43   |
| 4    |    |   | 2- Chloropropionic acid, octadec...   | 360 | C21H41ClO2 | 088104-31-8  | 43   |
| 5    |    |   | Eicosyl trifluoroacetate              | 394 | C22H41F3O2 | 1000351-75-2 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050070.D  
Acq On : 01 May 2025 18:41  
Operator : RC/JU  
Sample : Q1906-05  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-5

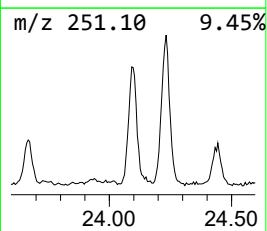
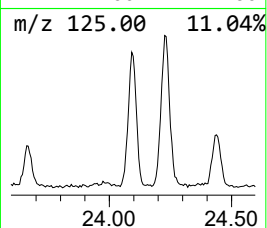
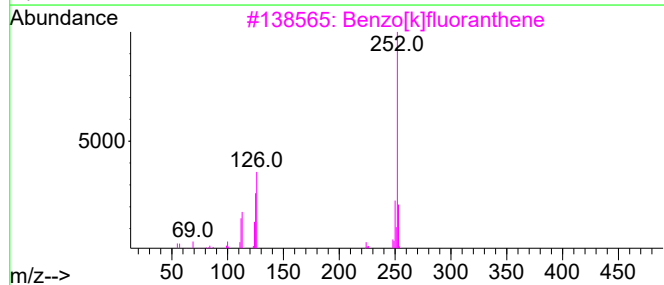
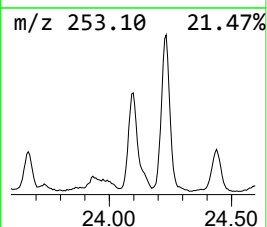
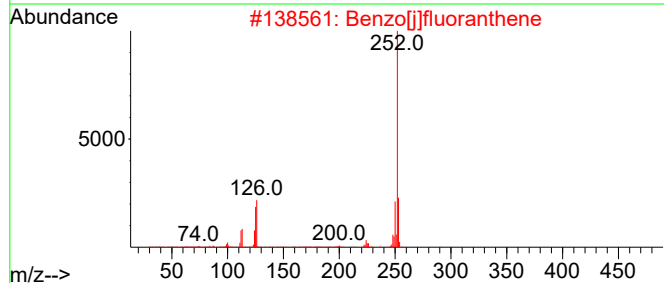
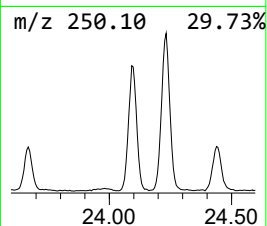
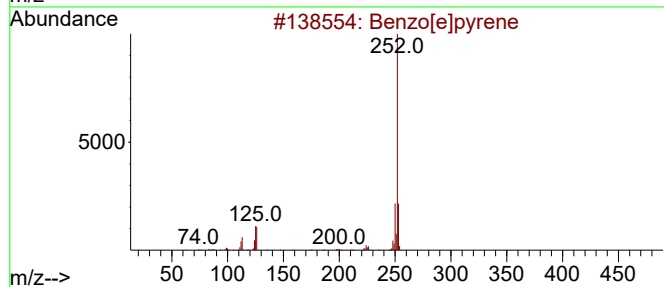
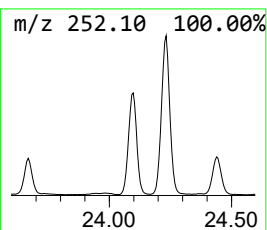
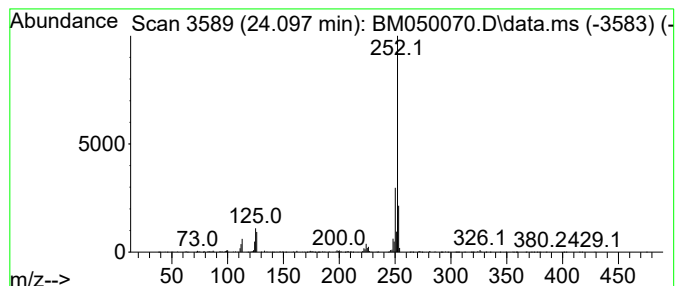
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Benzo[e]pyrene Concentration Rank 3

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 24.097 | 9.40 ng | 1650790 | Perylene-d12     | 24.374 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[e]pyrene       | 252 | C20H12  | 000192-97-2 | 97   |
| 2    |    |   | Benzo[j]fluoranthene | 252 | C20H12  | 000205-82-3 | 97   |
| 3    |    |   | Benzo[k]fluoranthene | 252 | C20H12  | 000207-08-9 | 96   |
| 4    |    |   | Benzo[b]fluoranthene | 252 | C20H12  | 000205-99-2 | 95   |
| 5    |    |   | Benzo[a]pyrene       | 252 | C20H12  | 000050-32-8 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050125\  
Data File : BM050070.D  
Acq On : 01 May 2025 18:41  
Operator : RC/JU  
Sample : Q1906-05  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
WC-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.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-... | 4.869  | 6.3     | ng    | 443067   | 1                     | 7.745  | 1410090 | 20.0 |
| Benzophenone       | 15.751 | 13.8    | ng    | 1820700  | 3                     | 14.392 | 2644970 | 20.0 |
| Methanone, (1-h... | 16.315 | 2.3     | ng    | 353303   | 4                     | 17.139 | 3142830 | 20.0 |
| Palmitoleic acid   | 17.921 | 2.0     | ng    | 319031   | 4                     | 17.139 | 3142830 | 20.0 |
| n-Hexadecanoic ... | 18.039 | 13.7    | ng    | 2155330  | 4                     | 17.139 | 3142830 | 20.0 |
| 4H-Cyclopenta[d... | 18.209 | 3.2     | ng    | 500518   | 4                     | 17.139 | 3142830 | 20.0 |
| 11H-Benzo[b]flu... | 20.062 | 2.1     | ng    | 706094   | 5                     | 21.380 | 6752820 | 20.0 |
| unknown21.062      | 21.062 | 2.8     | ng    | 951785   | 5                     | 21.380 | 6752820 | 20.0 |
| Benzo[e]pyrene     | 24.097 | 9.4     | ng    | 1650790  | 6                     | 24.374 | 3513930 | 20.0 |