

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021523\  
 Data File : BM038745.D  
 Acq On : 15 Feb 2023 13:11  
 Operator : CG/JU  
 Sample : 01538-15  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 STOCKPILE-COMP-6

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-BM020123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM038745.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         | 4.981       | 297           | 305         | 313          | rBV      | 269452         | 371836        | 9.93%           | 1.670%        |
| 2         | 5.451       | 379           | 385         | 393          | rBV      | 819727         | 1120081       | 29.92%          | 5.032%        |
| 3         | 7.069       | 653           | 660         | 673          | rVB      | 723215         | 1137168       | 30.37%          | 5.108%        |
| 4         | 7.892       | 794           | 800         | 807          | rVB      | 234097         | 350492        | 9.36%           | 1.575%        |
| 5         | 9.069       | 992           | 1000        | 1011         | rBV      | 451335         | 712356        | 19.03%          | 3.200%        |
| 6         | 10.698      | 1270          | 1277        | 1285         | rBV      | 278147         | 454178        | 12.13%          | 2.040%        |
| 7         | 13.163      | 1686          | 1696        | 1702         | rBV      | 1507685        | 2118042       | 56.57%          | 9.515%        |
| 8         | 14.533      | 1923          | 1929        | 1940         | rVB      | 505538         | 707877        | 18.91%          | 3.180%        |
| 9         | 14.945      | 1991          | 1999        | 2005         | rBV3     | 30075          | 47449         | 1.27%           | 0.213%        |
| 10        | 15.898      | 2153          | 2161        | 2165         | rBV      | 68062          | 98196         | 2.62%           | 0.441%        |
| 11        | 16.027      | 2177          | 2183        | 2189         | rVB      | 1512042        | 1926635       | 51.46%          | 8.655%        |
| 12        | 16.674      | 2287          | 2293        | 2303         | rVB3     | 47604          | 88327         | 2.36%           | 0.397%        |
| 13        | 17.280      | 2390          | 2396        | 2402         | rBV      | 653411         | 888600        | 23.74%          | 3.992%        |
| 14        | 18.174      | 2540          | 2548        | 2554         | rBV      | 763081         | 1160003       | 30.98%          | 5.211%        |
| 15        | 18.239      | 2555          | 2559        | 2579         | rVB2     | 108941         | 425329        | 11.36%          | 1.911%        |
| 16        | 18.462      | 2589          | 2597        | 2600         | rBV      | 90384          | 148530        | 3.97%           | 0.667%        |
| 17        | 18.503      | 2600          | 2604        | 2615         | rVB      | 117374         | 223590        | 5.97%           | 1.004%        |
| 18        | 19.180      | 2710          | 2719        | 2729         | rBV3     | 50687          | 147382        | 3.94%           | 0.662%        |
| 19        | 19.297      | 2735          | 2739        | 2741         | rBV2     | 49269          | 67276         | 1.80%           | 0.302%        |
| 20        | 19.321      | 2741          | 2743        | 2752         | rVB5     | 43129          | 74625         | 1.99%           | 0.335%        |
| 21        | 19.445      | 2758          | 2764        | 2773         | rBV      | 425853         | 607135        | 16.22%          | 2.727%        |
| 22        | 19.786      | 2814          | 2822        | 2832         | rVB2     | 147376         | 381657        | 10.19%          | 1.715%        |
| 23        | 19.903      | 2836          | 2842        | 2847         | rBV      | 3238055        | 3743814       | 100.00%         | 16.818%       |
| 24        | 20.027      | 2856          | 2863        | 2876         | rVB3     | 70257          | 205099        | 5.48%           | 0.921%        |
| 25        | 20.786      | 2986          | 2992        | 3001         | rBV      | 206573         | 420800        | 11.24%          | 1.890%        |
| 26        | 21.156      | 3050          | 3055        | 3063         | rBV      | 194937         | 288588        | 7.71%           | 1.296%        |
| 27        | 21.462      | 3101          | 3107        | 3112         | rBV      | 727207         | 939810        | 25.10%          | 4.222%        |
| 28        | 21.591      | 3123          | 3129        | 3139         | rVB      | 212126         | 417075        | 11.14%          | 1.874%        |
| 29        | 22.391      | 3259          | 3265        | 3273         | rVB      | 218377         | 415989        | 11.11%          | 1.869%        |
| 30        | 23.291      | 3413          | 3418        | 3426         | rVB3     | 151856         | 363082        | 9.70%           | 1.631%        |
| 31        | 23.838      | 3505          | 3511        | 3519         | rVB2     | 443338         | 865163        | 23.11%          | 3.887%        |
| 32        | 24.327      | 3590          | 3594        | 3603         | rVB3     | 118868         | 290259        | 7.75%           | 1.304%        |
| 33        | 25.191      | 3733          | 3741        | 3762         | rVB7     | 253805         | 1053940       | 28.15%          | 4.735%        |

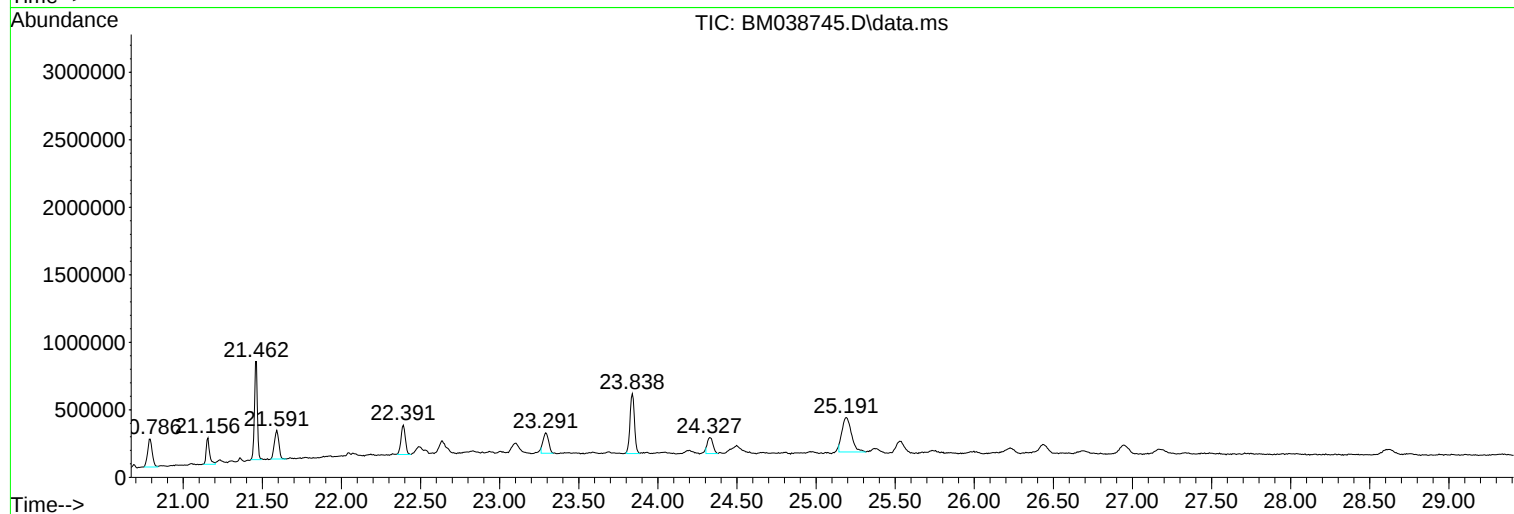
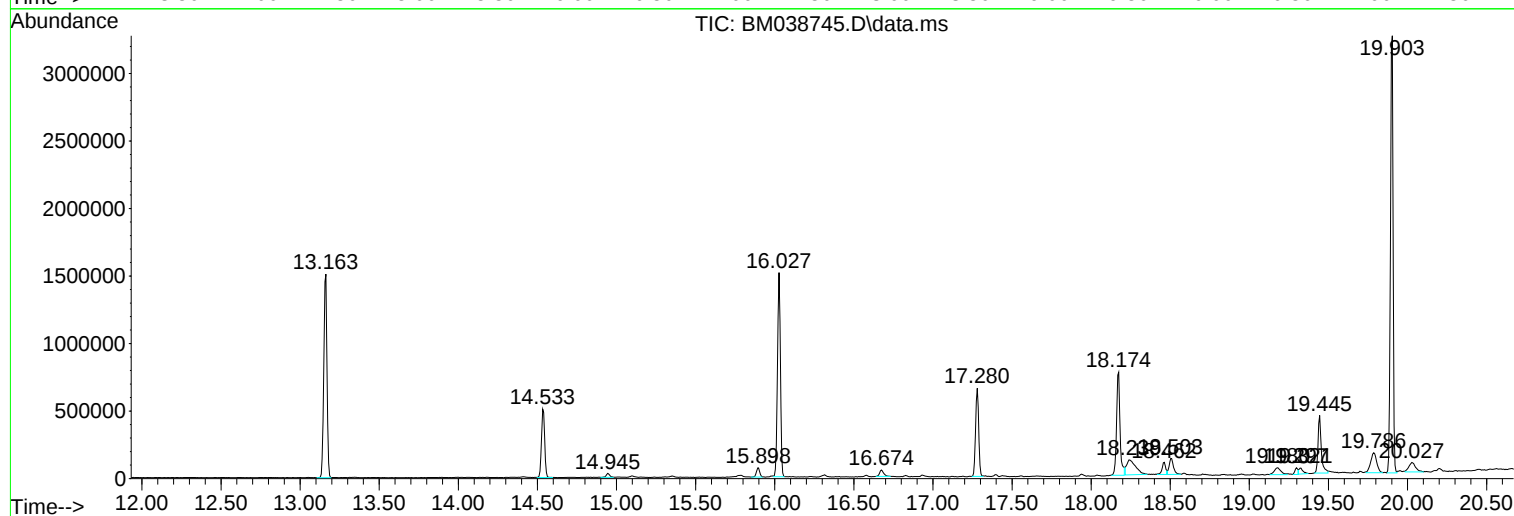
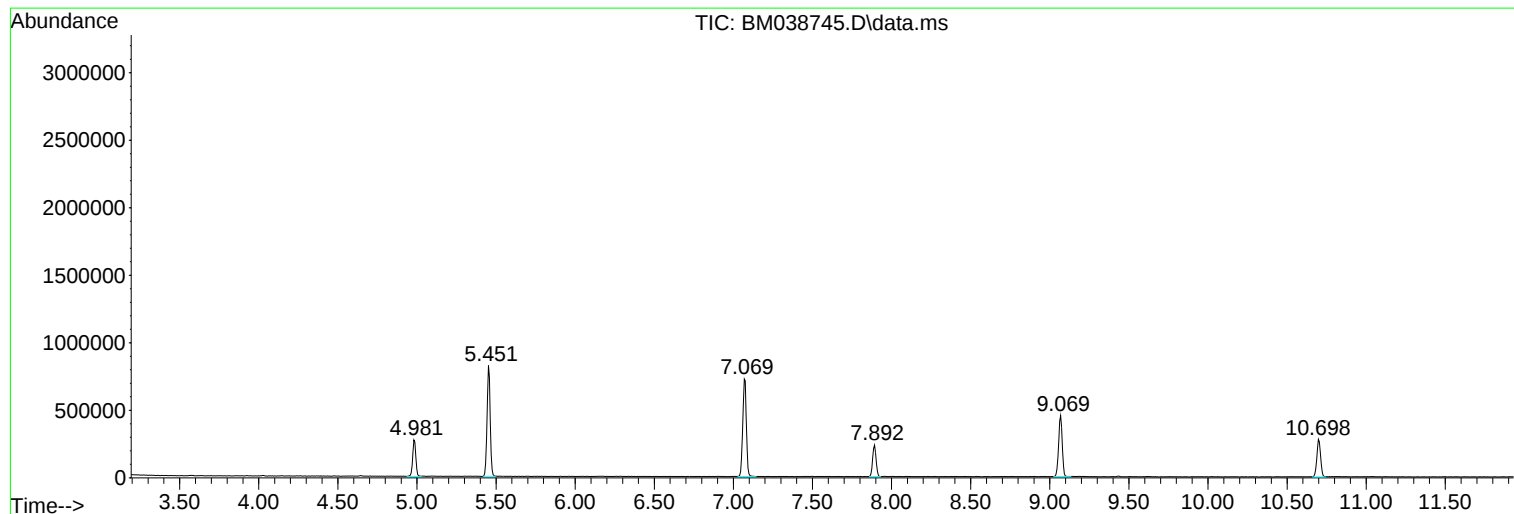
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Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
STOCKPILE-COMP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.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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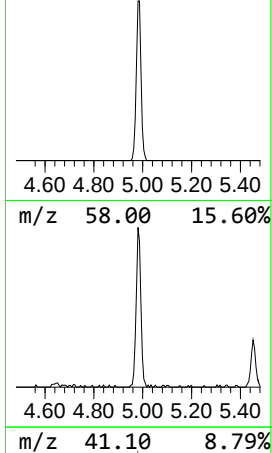
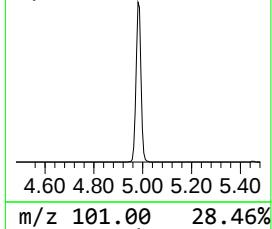
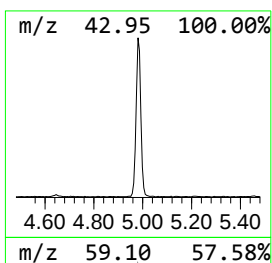
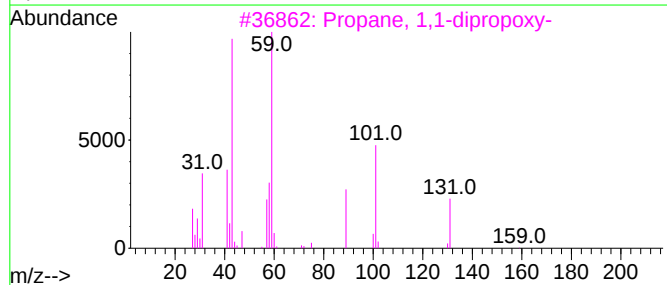
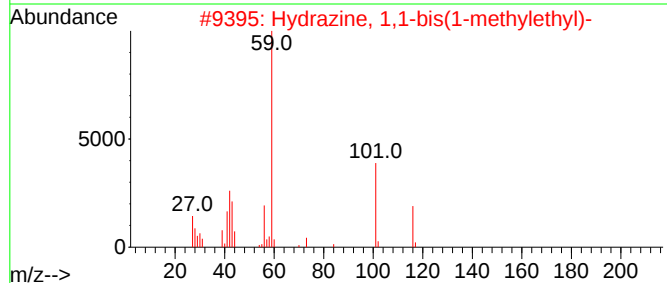
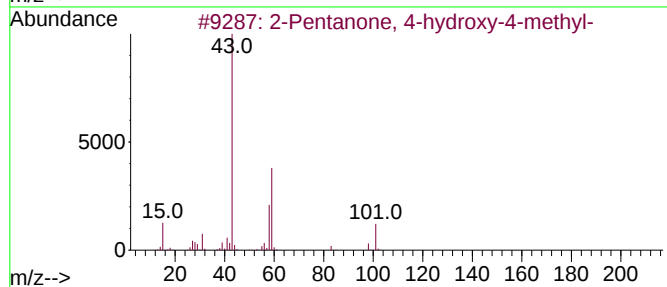
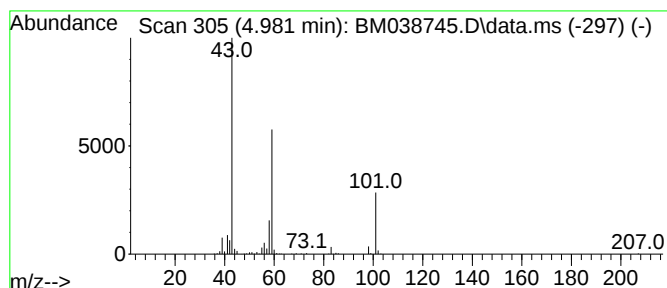
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 4.981 | 21.22 ng | 371836 | 1,4-Dichlorobenzene-d4 | 7.892 |

| Hit# | of                                 | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-   | 116 | C6H12O2      | 000123-42-2 | 50      |      |      |
| 2    | Hydrazine, 1,1-bis(1-methylethyl)- | 116 | C6H16N2      | 000921-14-2 | 50      |      |      |
| 3    | Propane, 1,1-dipropoxy-            | 160 | C9H20O2      | 004744-11-0 | 38      |      |      |
| 4    | Dimethadione                       | 129 | C5H7NO3      | 000695-53-4 | 33      |      |      |
| 5    | (+)-4-Amino-4,5-dihydro-2(3H)-f... | 101 | C4H7NO2      | 016504-58-8 | 23      |      |      |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

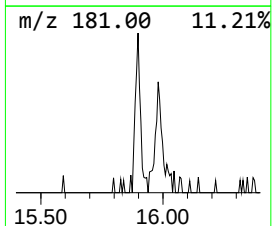
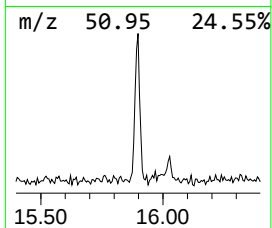
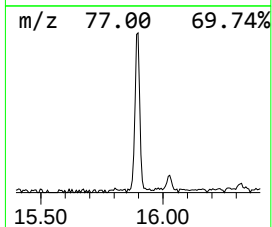
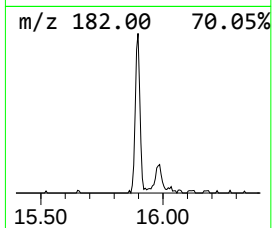
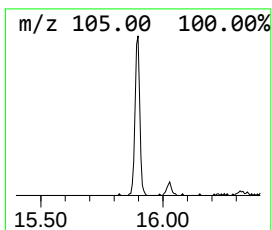
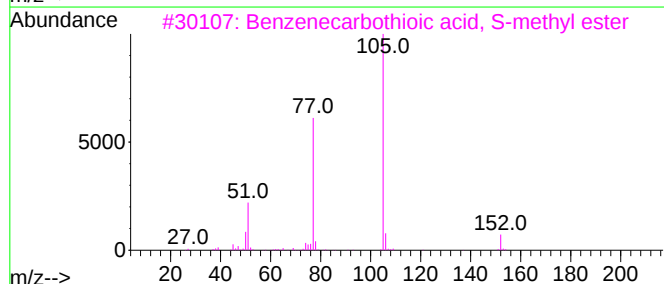
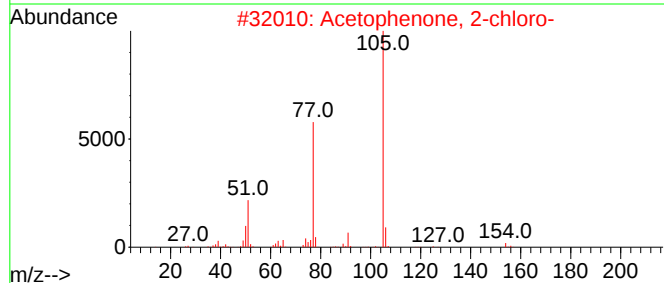
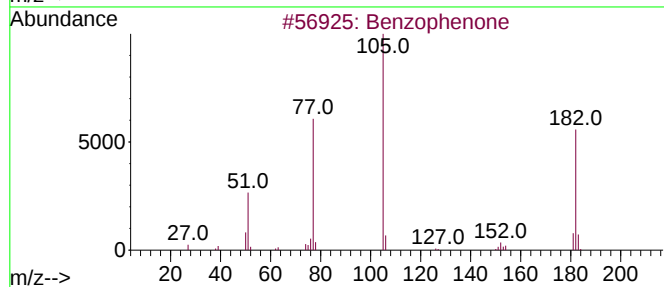
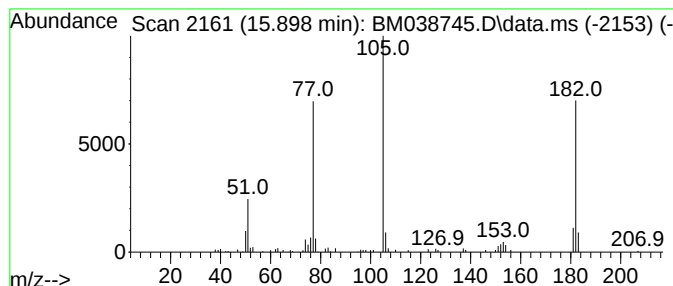
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Benzophenone Concentration Rank 17

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 15.898 | 2.77 ng | 98196 | Acenaphthene-d10 | 14.533 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Benzophenone                        | 182 | C13H10O  | 000119-61-9 | 95   |
| 2    |    |   | Acetophenone, 2-chloro-             | 154 | C8H7ClO  | 000532-27-4 | 49   |
| 3    |    |   | Benzenecarbothioic acid, S-methy... | 152 | C8H8OS   | 005925-68-8 | 49   |
| 4    |    |   | Methyl benzilate                    | 242 | C15H14O3 | 000076-89-1 | 47   |
| 5    |    |   | Benzenecarbothioic acid             | 138 | C7H6OS   | 000098-91-9 | 46   |



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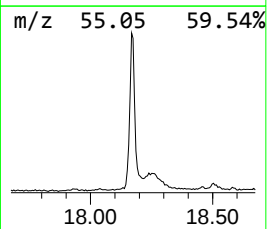
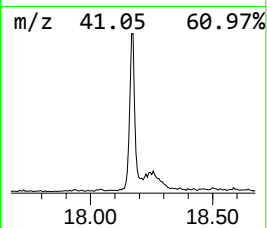
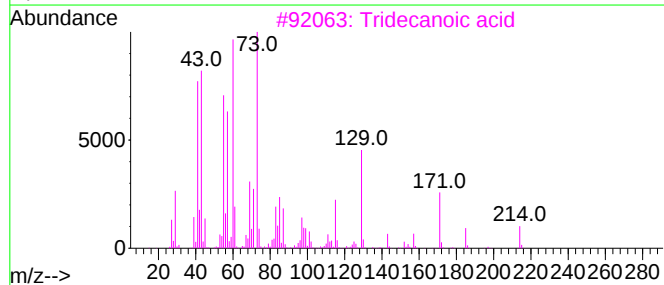
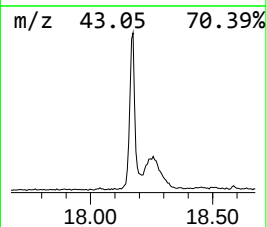
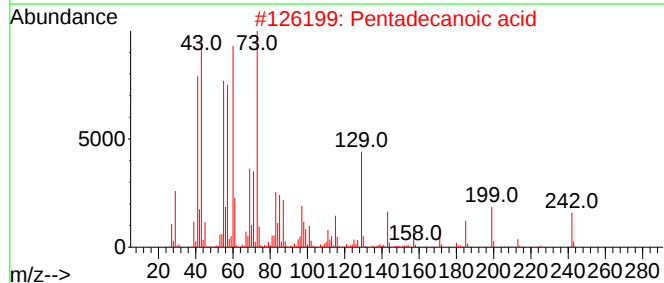
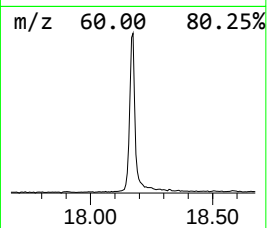
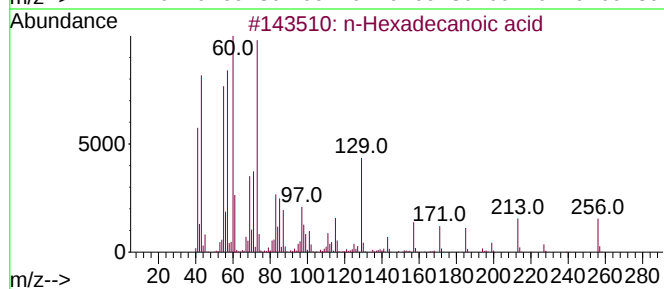
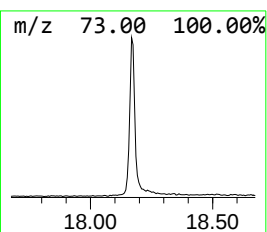
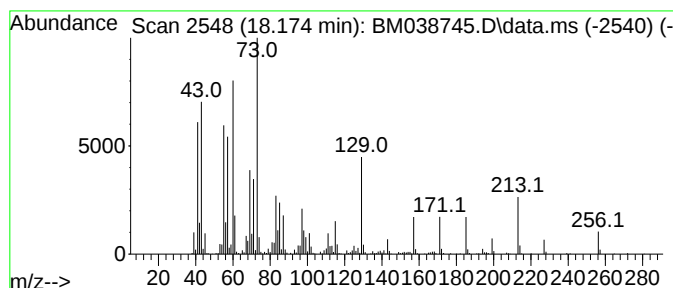
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

| R.T.      | EstConc             | Area    | Relative to ISTD | R.T.        |      |
|-----------|---------------------|---------|------------------|-------------|------|
| 18.174    | 26.11 ng            | 1160000 | Phenanthrene-d10 | 17.280      |      |
| Hit# of 5 | Tentative ID        | MW      | MolForm          | CAS#        | Qual |
| 1         | n-Hexadecanoic acid | 256     | C16H32O2         | 000057-10-3 | 98   |
| 2         | Pentadecanoic acid  | 242     | C15H30O2         | 001002-84-2 | 76   |
| 3         | Tridecanoic acid    | 214     | C13H26O2         | 000638-53-9 | 70   |
| 4         | Tetradecanoic acid  | 228     | C14H28O2         | 000544-63-8 | 64   |
| 5         | n-Decanoic acid     | 172     | C10H20O2         | 000334-48-5 | 60   |



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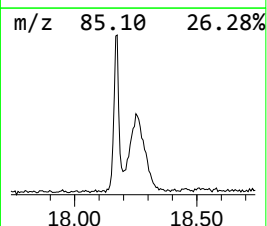
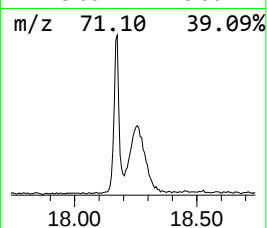
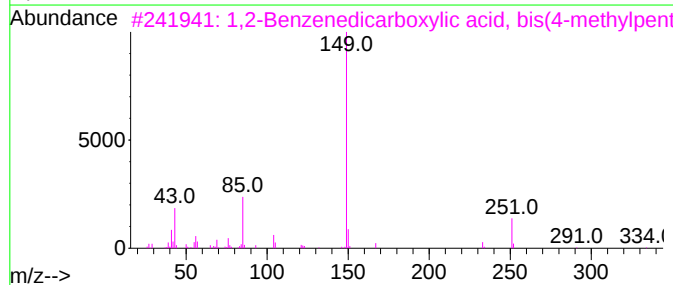
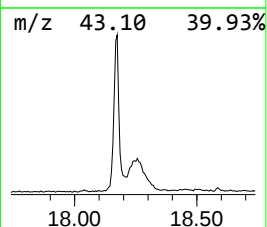
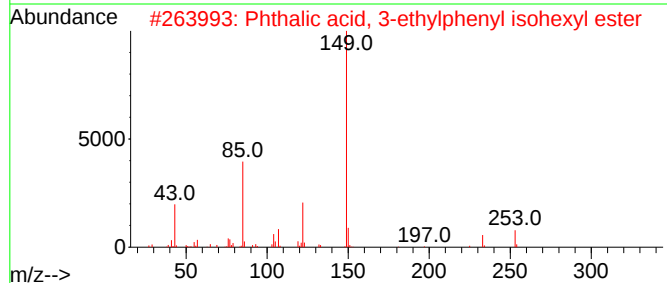
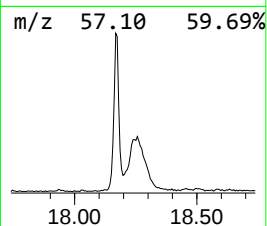
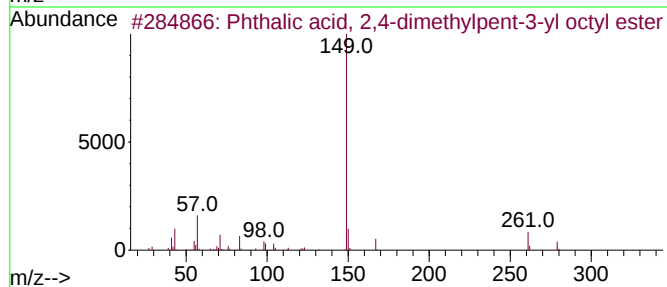
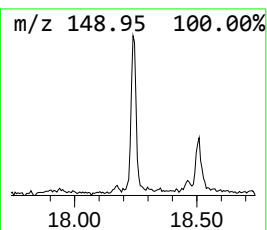
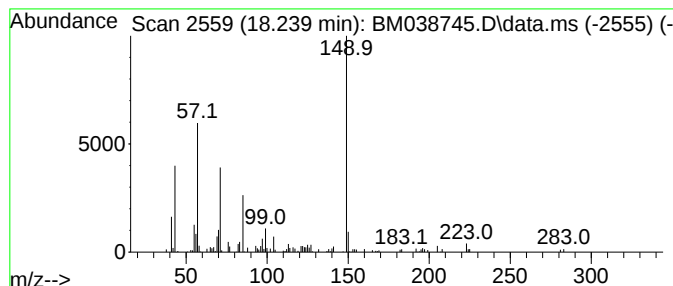
TIC Library : C:\Database\NIST20.L  
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Peak Number 4 unknown18.239 Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.239 | 9.57 ng | 425329 | Phenanthrene-d10 | 17.280 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Phthalic acid, 2,4-dimethylpent-... | 376 | C23H36O4 | 1000356-84-7 | 47   |
| 2    |    |   | Phthalic acid, 3-ethylphenyl iso... | 354 | C22H26O4 | 1000357-08-0 | 47   |
| 3    |    |   | 1,2-Benzenedicarboxylic acid, bi... | 334 | C20H30O4 | 000146-50-9  | 47   |
| 4    |    |   | Phthalic acid, butyl cycloheptyl... | 318 | C19H26O4 | 1000322-82-9 | 43   |
| 5    |    |   | Phthalic acid, 2-ethylhexyl isoh... | 362 | C22H34O4 | 1000308-98-5 | 43   |



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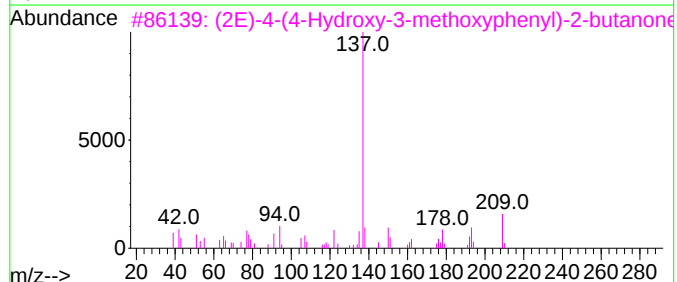
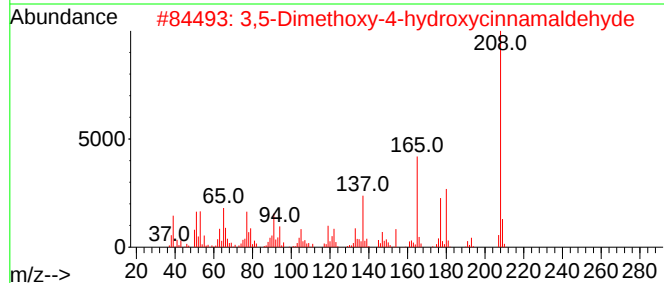
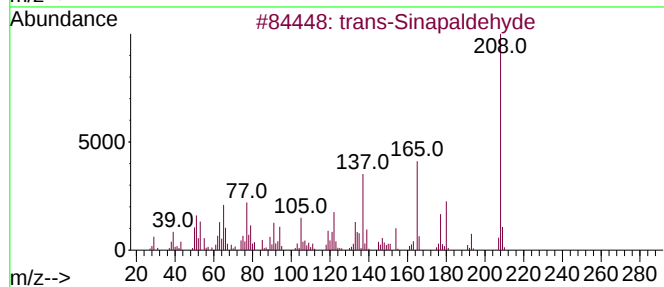
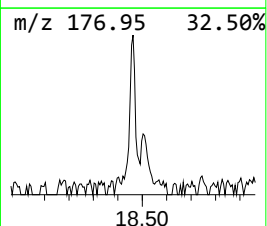
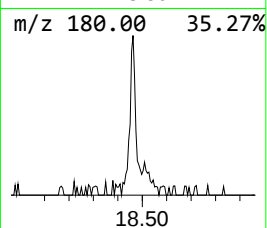
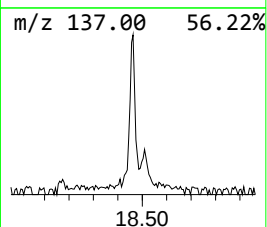
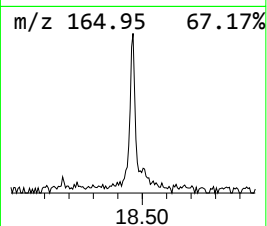
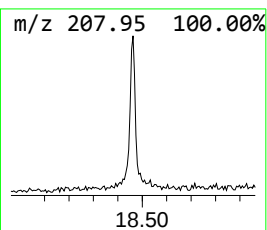
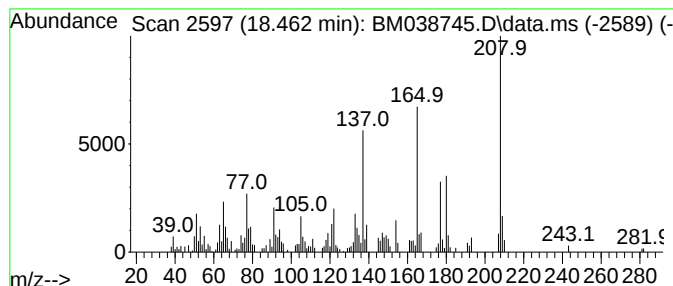
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 trans-Sinapaldehyde Concentration Rank 15

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 18.462 | 3.34 ng | 148530 | Phenanthrene-d10 | 17.280 |

| Hit# | of | 5 | Tentative ID                                  | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-----------------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | trans-Sinapaldehyde                           | 208 | C11H12O4  | 004206-58-0  | 95   |
| 2    |    |   | 3,5-Dimethoxy-4-hydroxycinnamaldehyde         | 208 | C11H12O4  | 087345-53-7  | 70   |
| 3    |    |   | (2E)-4-(4-Hydroxy-3-methoxyphenyl)-2-butanone | 209 | C11H15NO3 | 1000297-96-4 | 53   |
| 4    |    |   | 2-Propenoic acid, 3-(2,4-dimethoxyphenyl)-    | 208 | C11H12O4  | 016909-09-4  | 46   |
| 5    |    |   | Naphthalene, 2-(1-cyclohexen-1-yl)-           | 208 | C16H16    | 054607-03-3  | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021523\  
Data File : BM038745.D  
Acq On : 15 Feb 2023 13:11  
Operator : CG/JU  
Sample : 01538-15  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
STOCKPILE-COMP-6

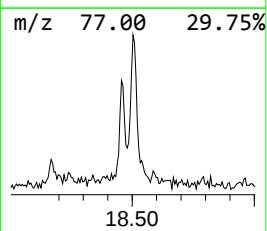
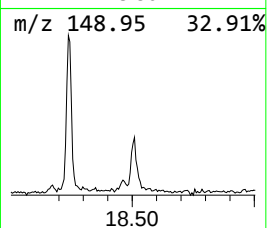
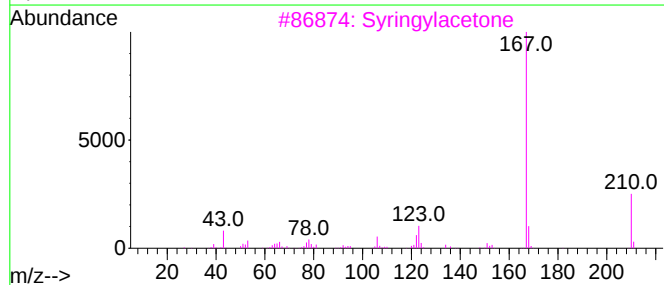
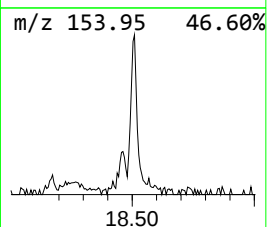
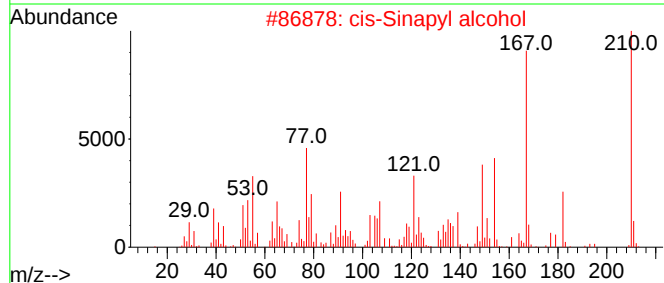
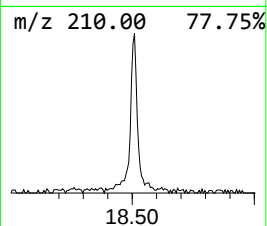
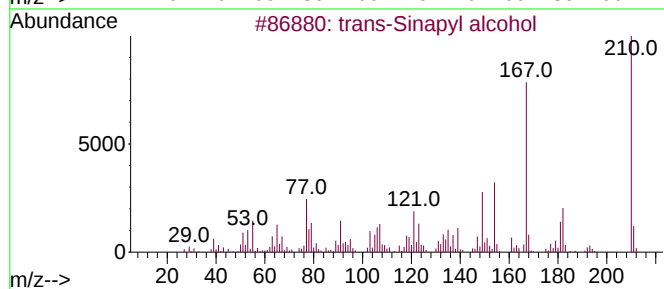
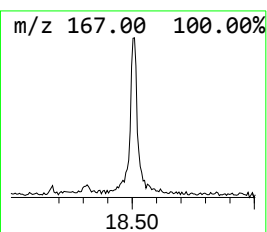
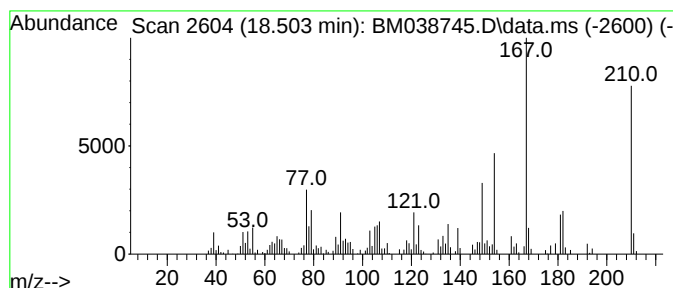
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 trans-Sinapyl alcohol Concentration Rank 13

| R.T.      | EstConc                     | Area   | Relative to ISTD |           | R.T.        |      |
|-----------|-----------------------------|--------|------------------|-----------|-------------|------|
| 18.503    | 5.03 ng                     | 223590 | Phenanthrene-d10 |           | 17.280      |      |
| Hit# of 5 | Tentative ID                |        | MW               | MolForm   | CAS#        | Qual |
| 1         | trans-Sinapyl alcohol       |        | 210              | C11H14O4  | 020675-96-1 | 97   |
| 2         | cis-Sinapyl alcohol         |        | 210              | C11H14O4  | 104330-63-4 | 94   |
| 3         | Syringylacetone             |        | 210              | C11H14O4  | 019037-58-2 | 53   |
| 4         | 4-Ethyl-2,6-dimethoxyphenol |        | 182              | C10H14O3  | 014059-92-8 | 42   |
| 5         | 1-Hydroxy-6-methylphenazine |        | 210              | C13H10N2O | 014031-08-4 | 30   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021523\  
Data File : BM038745.D  
Acq On : 15 Feb 2023 13:11  
Operator : CG/JU  
Sample : 01538-15  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
STOCKPILE-COMP-6

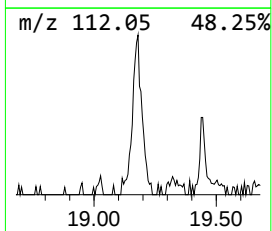
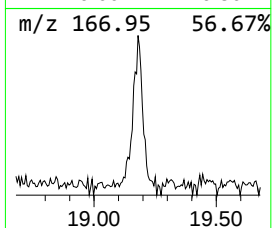
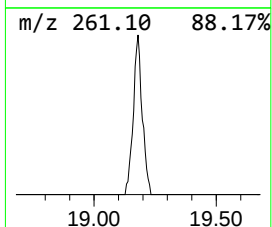
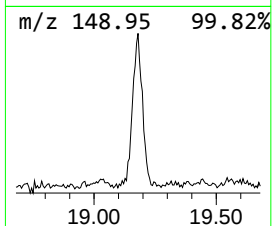
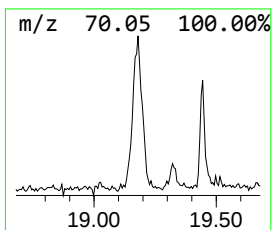
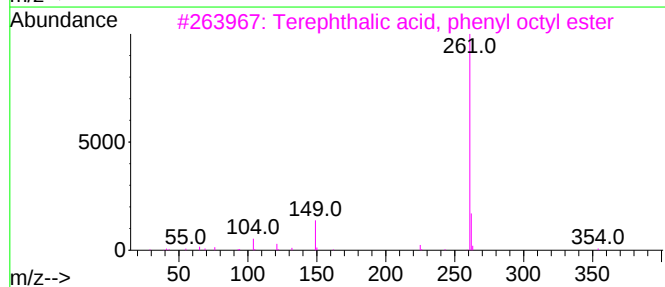
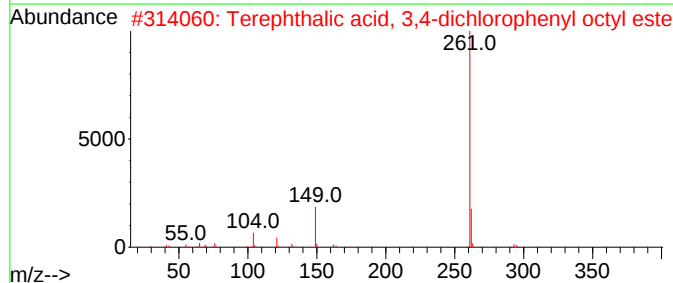
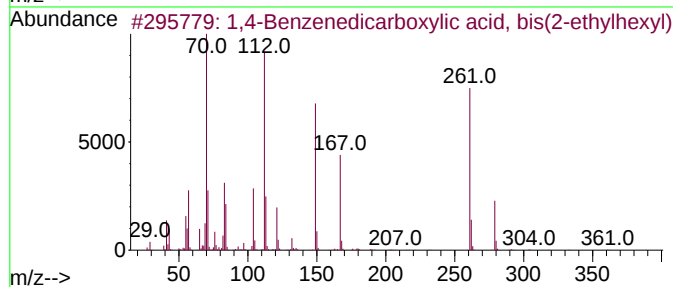
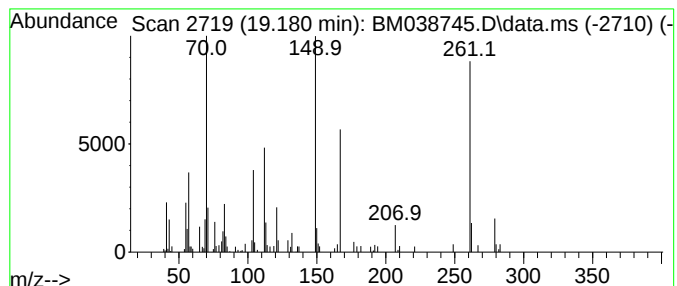
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 1,4-Benzenedicarboxylic aci... Concentration Rank 16

| R.T.      | EstConc                             | Area   | Relative to ISTD |             |              | R.T.   |
|-----------|-------------------------------------|--------|------------------|-------------|--------------|--------|
| 19.180    | 3.32 ng                             | 147382 | Phenanthrene-d10 |             |              | 17.280 |
| Hit# of 5 | Tentative ID                        |        | MW               | MolForm     | CAS#         | Qual   |
| 1         | 1,4-Benzenedicarboxylic acid, bi... |        | 390              | C24H38O4    | 006422-86-2  | 64     |
| 2         | Terephthalic acid, 3,4-dichlorop... |        | 422              | C22H24Cl2O4 | 1010323-69-2 | 43     |
| 3         | Terephthalic acid, phenyl octyl ... |        | 354              | C22H26O4    | 1000324-06-6 | 43     |
| 4         | Terephthalic acid, di(4-octyl) e... |        | 390              | C24H38O4    | 1000323-74-2 | 38     |
| 5         | Terephthalic acid, 3,5-difluorop... |        | 390              | C22H24F2O4  | 1000324-05-2 | 27     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021523\  
Data File : BM038745.D  
Acq On : 15 Feb 2023 13:11  
Operator : CG/JU  
Sample : 01538-15  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
STOCKPILE-COMP-6

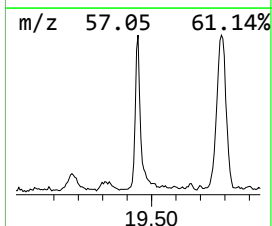
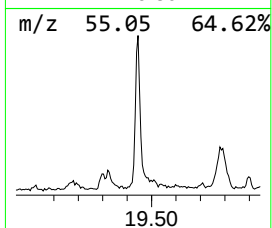
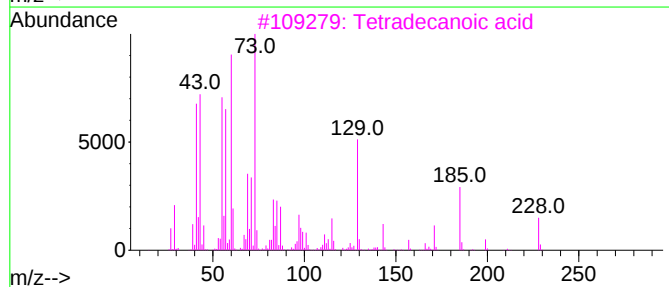
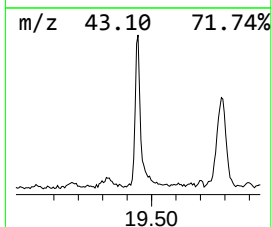
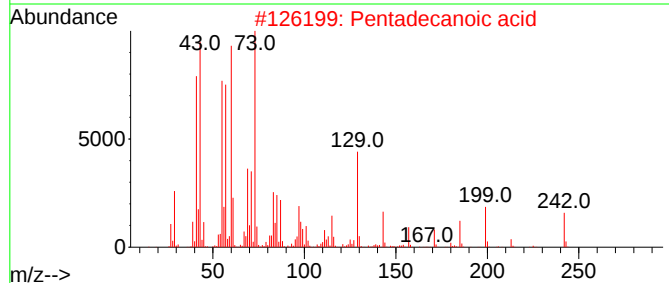
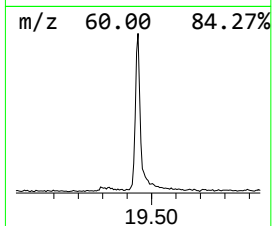
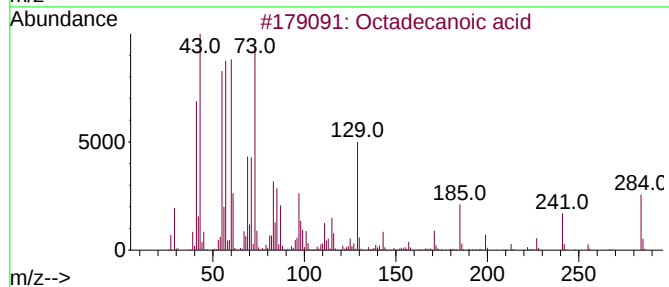
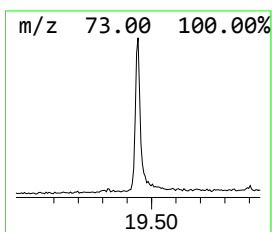
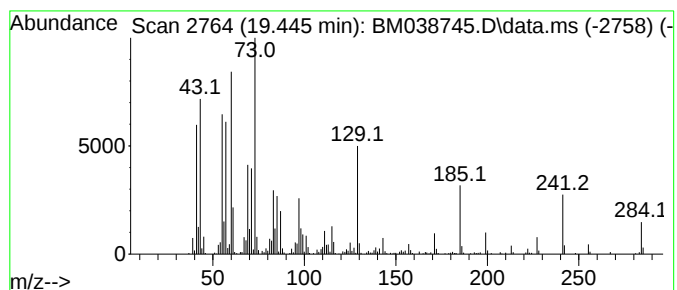
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Octadecanoic acid Concentration Rank 4

| R.T.      | EstConc             | Area   | Relative to ISTD |          | R.T.        |      |
|-----------|---------------------|--------|------------------|----------|-------------|------|
| 19.445    | 12.92 ng            | 607135 | Chrysene-d12     |          | 21.462      |      |
| Hit# of 5 | Tentative ID        |        | MW               | MolForm  | CAS#        | Qual |
| 1         | Octadecanoic acid   |        | 284              | C18H36O2 | 000057-11-4 | 99   |
| 2         | Pentadecanoic acid  |        | 242              | C15H30O2 | 001002-84-2 | 91   |
| 3         | Tetradecanoic acid  |        | 228              | C14H28O2 | 000544-63-8 | 87   |
| 4         | n-Decanoic acid     |        | 172              | C10H20O2 | 000334-48-5 | 70   |
| 5         | n-Hexadecanoic acid |        | 256              | C16H32O2 | 000057-10-3 | 68   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021523\  
Data File : BM038745.D  
Acq On : 15 Feb 2023 13:11  
Operator : CG/JU  
Sample : 01538-15  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
STOCKPILE-COMP-6

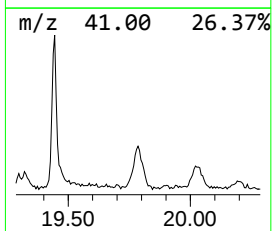
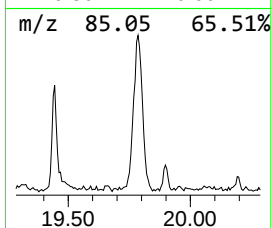
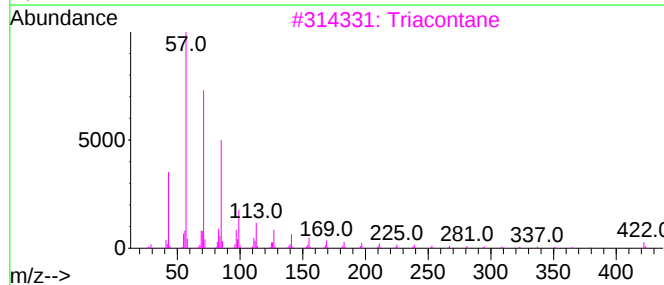
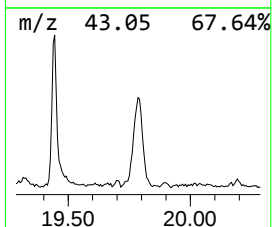
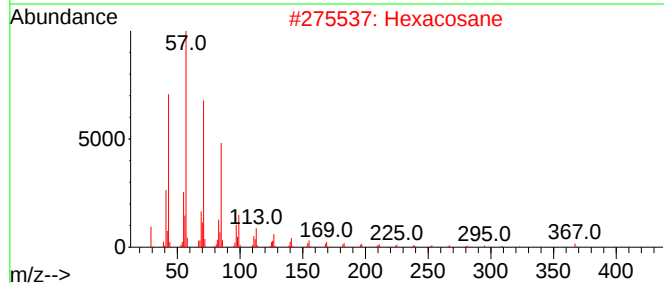
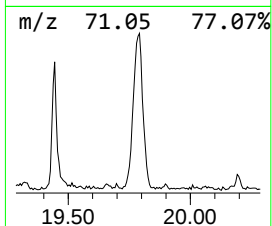
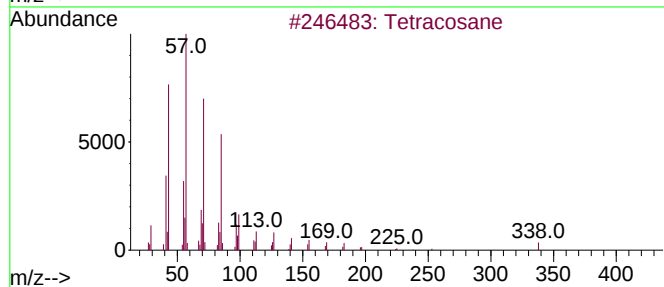
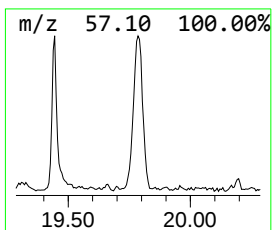
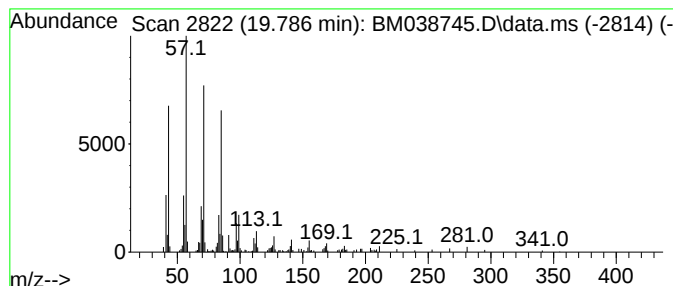
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Tetracosane Concentration Rank 10

| R.T.      | EstConc               | Area   | Relative to ISTD | R.T.        |      |
|-----------|-----------------------|--------|------------------|-------------|------|
| 19.786    | 8.12 ng               | 381657 | Chrysene-d12     | 21.462      |      |
| Hit# of 5 | Tentative ID          | MW     | MolForm          | CAS#        | Qual |
| 1         | Tetracosane           | 338    | C24H50           | 000646-31-1 | 91   |
| 2         | Hexacosane            | 366    | C26H54           | 000630-01-3 | 91   |
| 3         | Triacontane           | 422    | C30H62           | 000638-68-6 | 91   |
| 4         | Octacosane, 2-methyl- | 408    | C29H60           | 001560-98-1 | 91   |
| 5         | Heptadecane, 9-octyl- | 352    | C25H52           | 007225-64-1 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021523\  
Data File : BM038745.D  
Acq On : 15 Feb 2023 13:11  
Operator : CG/JU  
Sample : 01538-15  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
STOCKPILE-COMP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.M  
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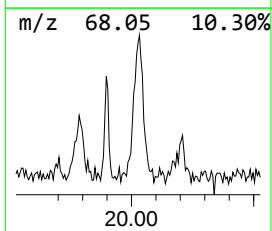
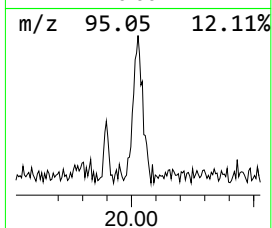
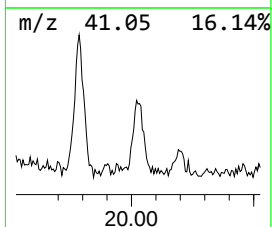
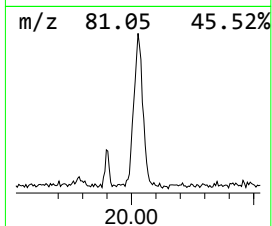
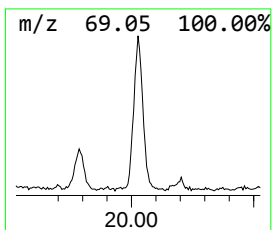
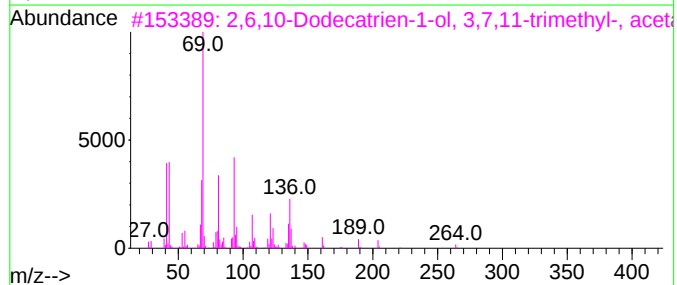
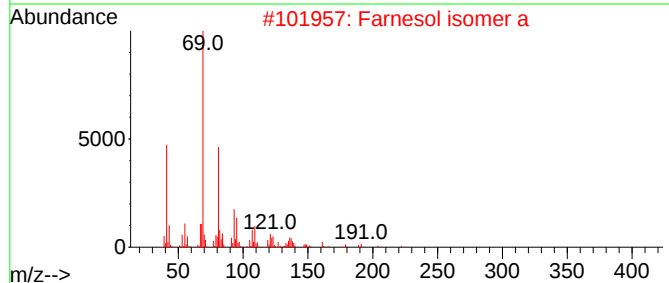
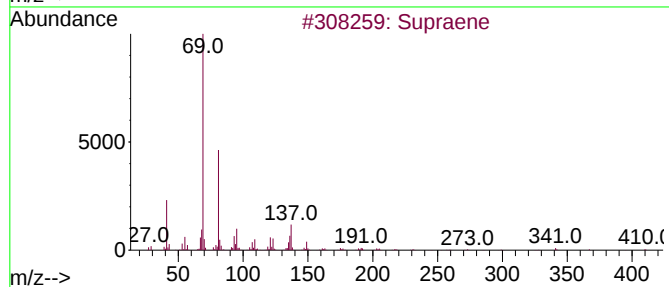
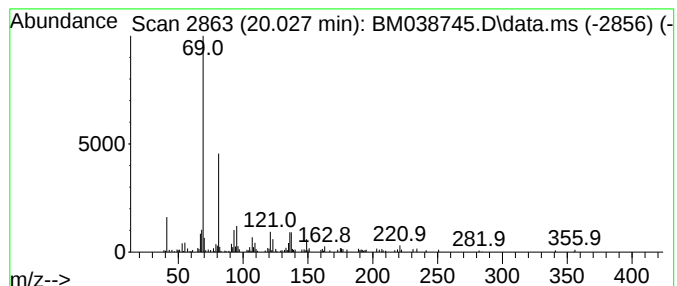
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TIC Integration Parameters: LSCINT.P

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Peak Number 10 Supraene Concentration Rank 14

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 20.027 | 4.36 ng | 205099 | Chrysene-d12     | 21.462 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm  | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Supraene                             | 410 | C30H50   | 007683-64-9  | 87   |
| 2    |    |   | Farnesol isomer a                    | 222 | C15H26O  | 1000108-92-4 | 80   |
| 3    |    |   | 2,6,10-Dodecatrien-1-ol, 3,7,11-...  | 264 | C17H28O2 | 004128-17-0  | 72   |
| 4    |    |   | 7,11-Dimethyldodeca-2,6,10-trien...  | 208 | C14H24O  | 125529-10-4  | 72   |
| 5    |    |   | Propanoic acid, 2,2-dimethyl-, [...] | 306 | C20H34O2 | 1000164-38-8 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021523\  
Data File : BM038745.D  
Acq On : 15 Feb 2023 13:11  
Operator : CG/JU  
Sample : 01538-15  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
STOCKPILE-COMP-6

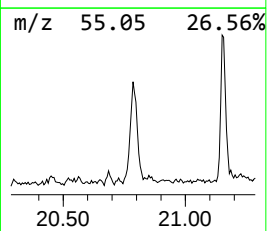
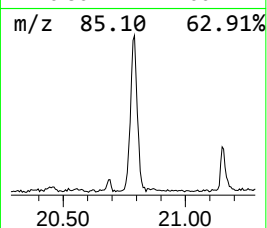
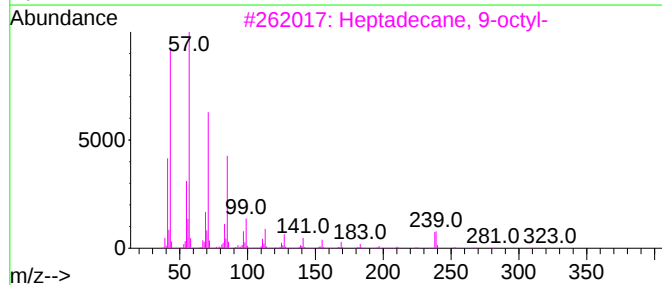
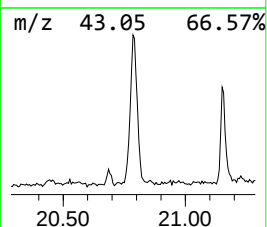
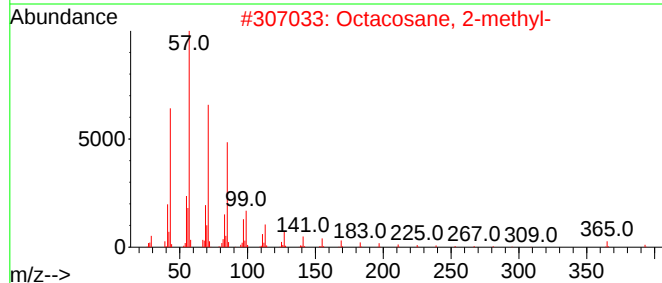
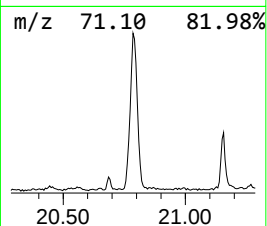
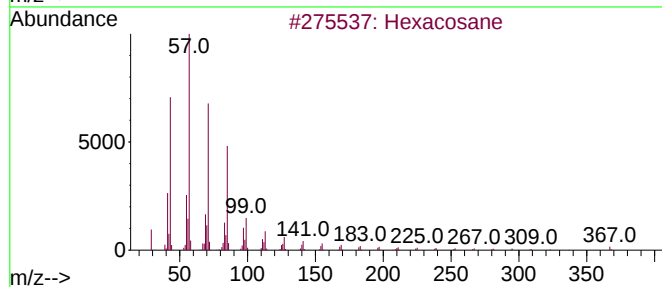
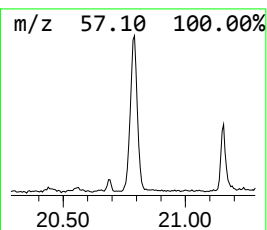
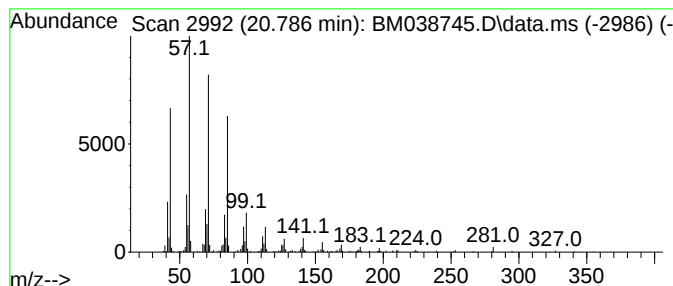
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Hexacosane Concentration Rank 6

| R.T.      | EstConc               | Area   | Relative to ISTD | R.T.        |      |
|-----------|-----------------------|--------|------------------|-------------|------|
| 20.786    | 8.96 ng               | 420800 | Chrysene-d12     | 21.462      |      |
| Hit# of 5 | Tentative ID          | MW     | MolForm          | CAS#        | Qual |
| 1         | Hexacosane            | 366    | C26H54           | 000630-01-3 | 91   |
| 2         | Octacosane, 2-methyl- | 408    | C29H60           | 001560-98-1 | 91   |
| 3         | Heptadecane, 9-octyl- | 352    | C25H52           | 007225-64-1 | 91   |
| 4         | Heneicosane           | 296    | C21H44           | 000629-94-7 | 91   |
| 5         | Octadecane            | 254    | C18H38           | 000593-45-3 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021523\  
Data File : BM038745.D  
Acq On : 15 Feb 2023 13:11  
Operator : CG/JU  
Sample : 01538-15  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
STOCKPILE-COMP-6

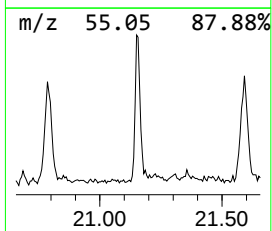
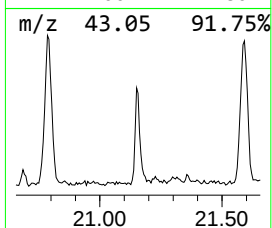
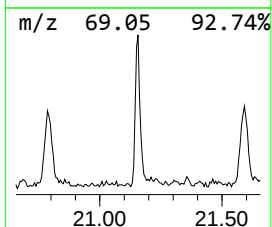
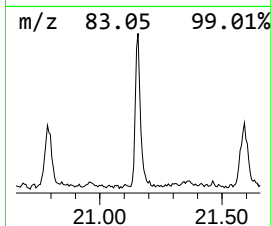
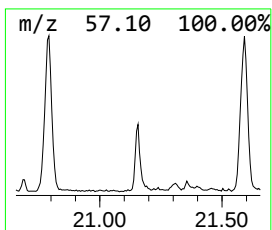
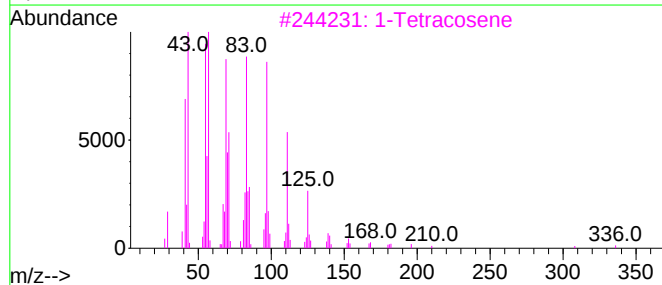
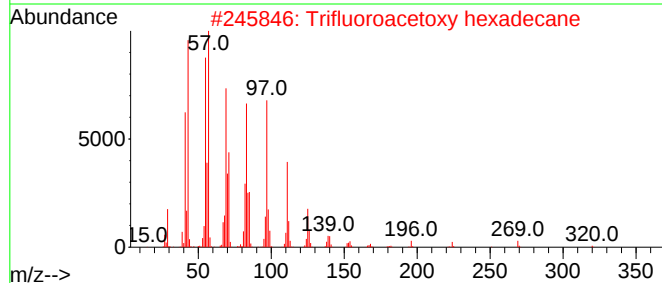
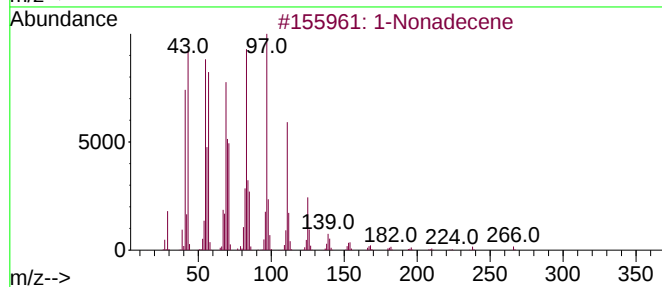
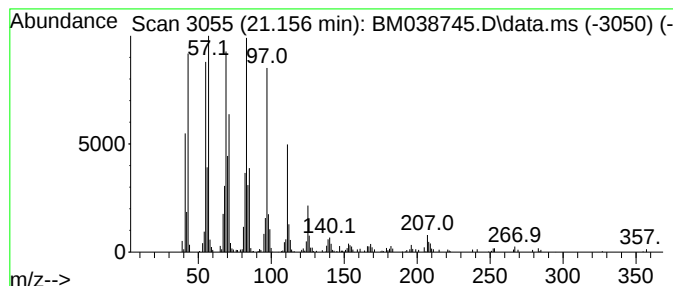
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 1-Nonadecene Concentration Rank 12

| R.T.      | EstConc                     | Area   | Relative to ISTD | R.T.        |      |
|-----------|-----------------------------|--------|------------------|-------------|------|
| 21.156    | 6.14 ng                     | 288588 | Chrysene-d12     | 21.462      |      |
| Hit# of 5 | Tentative ID                | MW     | MolForm          | CAS#        | Qual |
| 1         | 1-Nonadecene                | 266    | C19H38           | 018435-45-5 | 97   |
| 2         | Trifluoroacetoxy hexadecane | 338    | C18H33F3O2       | 006222-03-3 | 95   |
| 3         | 1-Tetracosene               | 336    | C24H48           | 010192-32-2 | 95   |
| 4         | 1-Hexacosene                | 364    | C26H52           | 018835-33-1 | 94   |
| 5         | Pentacos-1-ene              | 350    | C25H50           | 016980-85-1 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021523\  
Data File : BM038745.D  
Acq On : 15 Feb 2023 13:11  
Operator : CG/JU  
Sample : 01538-15  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
STOCKPILE-COMP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

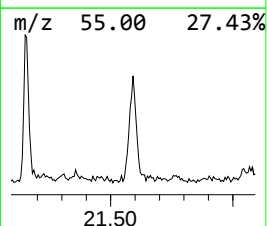
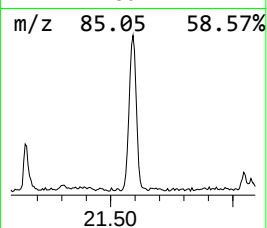
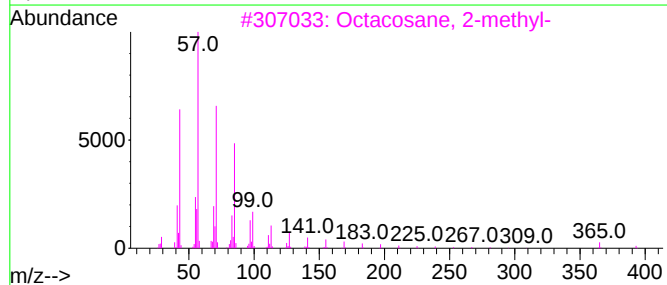
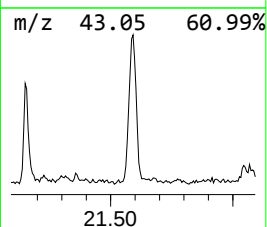
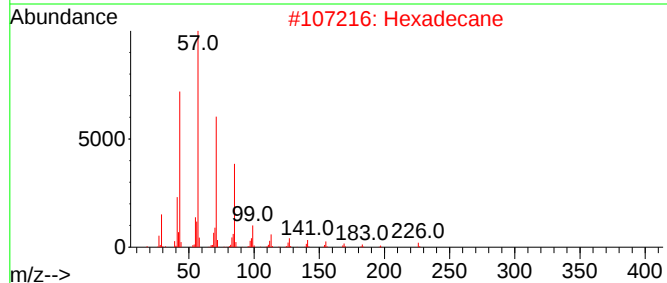
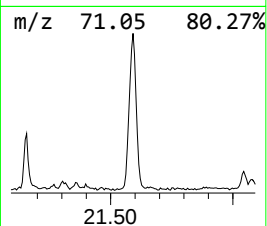
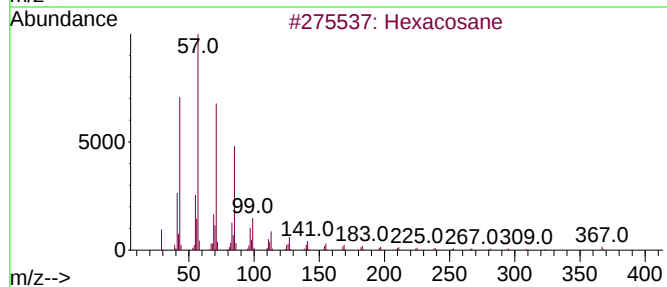
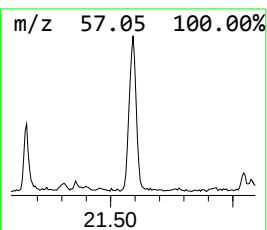
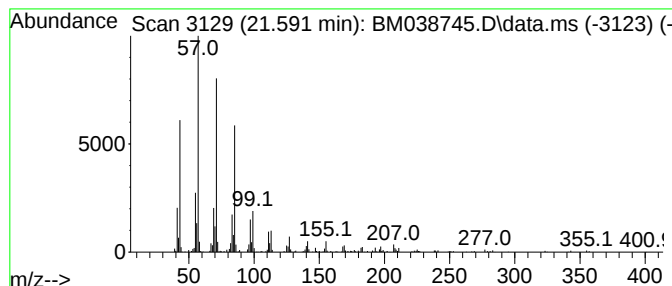
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TIC Integration Parameters: LSCINT.P

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Peak Number 13 Hexadecane Concentration Rank 7

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 21.592 | 8.88 ng | 417075 | Chrysene-d12     | 21.462 |

| Hit# | of 5 | Tentative ID           | MW  | MolForm | CAS#         | Qual |
|------|------|------------------------|-----|---------|--------------|------|
| 1    |      | Hexacosane             | 366 | C26H54  | 000630-01-3  | 91   |
| 2    |      | Hexadecane             | 226 | C16H34  | 000544-76-3  | 91   |
| 3    |      | Octacosane, 2-methyl-  | 408 | C29H60  | 001560-98-1  | 91   |
| 4    |      | Dotriacontane, 1-iodo- | 576 | C32H65I | 1000406-32-4 | 91   |
| 5    |      | Heptacosane            | 380 | C27H56  | 000593-49-7  | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021523\  
Data File : BM038745.D  
Acq On : 15 Feb 2023 13:11  
Operator : CG/JU  
Sample : 01538-15  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
STOCKPILE-COMP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.M  
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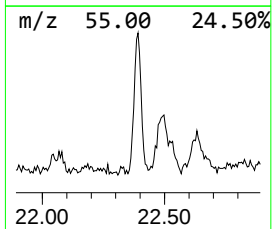
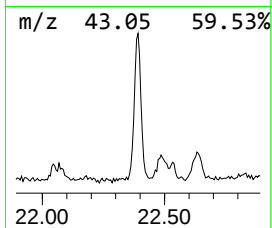
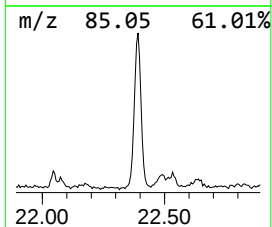
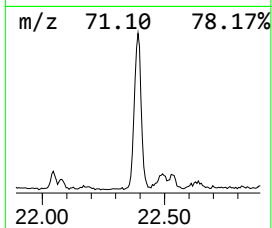
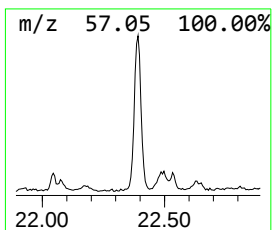
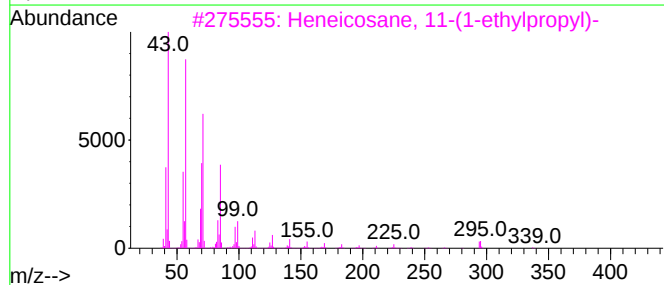
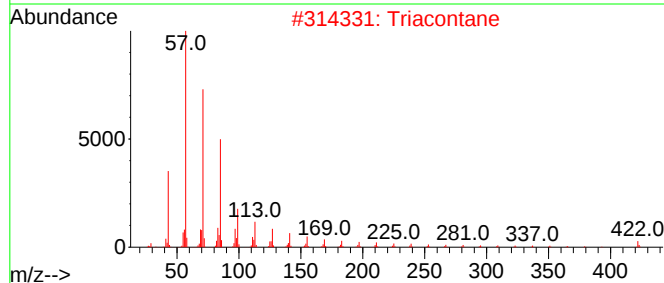
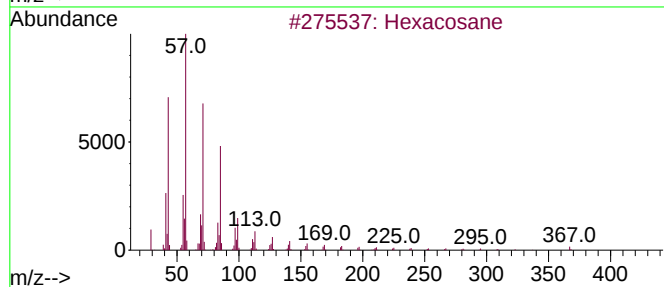
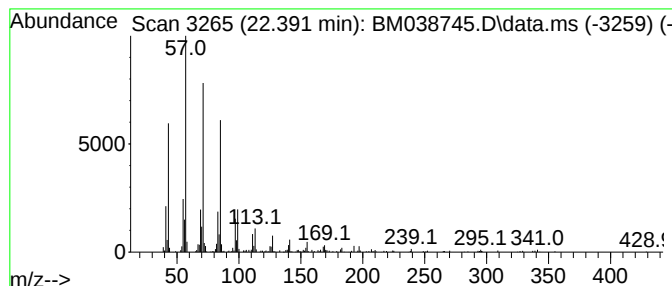
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TIC Integration Parameters: LSCINT.P

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Peak Number 14 Triacontane Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 22.391 | 8.85 ng | 415989 | Chrysene-d12     | 21.462 |

| Hit# | of 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------------------|-----|---------|-------------|------|
| 1    |      | Hexacosane                       | 366 | C26H54  | 000630-01-3 | 91   |
| 2    |      | Triacontane                      | 422 | C30H62  | 000638-68-6 | 91   |
| 3    |      | Heneicosane, 11-(1-ethylpropyl)- | 366 | C26H54  | 055282-11-6 | 91   |
| 4    |      | 2-Methylhexacosane               | 380 | C27H56  | 001561-02-0 | 91   |
| 5    |      | Octacosane, 2-methyl-            | 408 | C29H60  | 001560-98-1 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021523\  
Data File : BM038745.D  
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Operator : CG/JU  
Sample : 01538-15  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

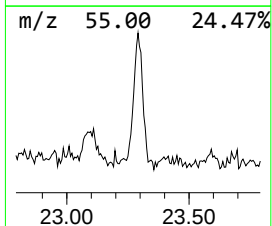
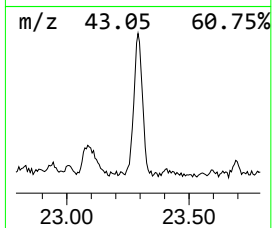
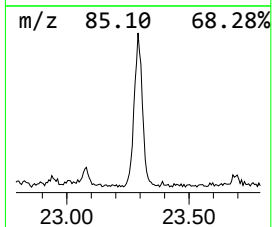
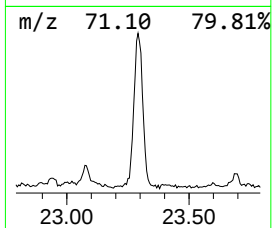
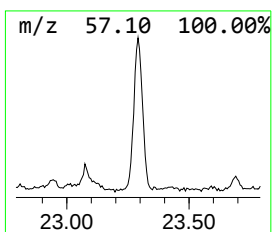
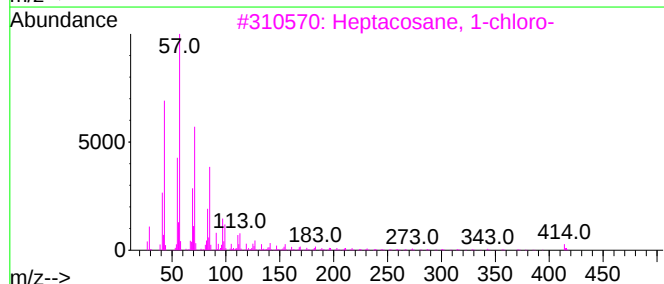
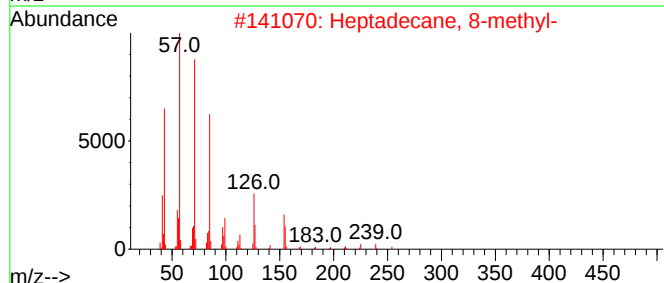
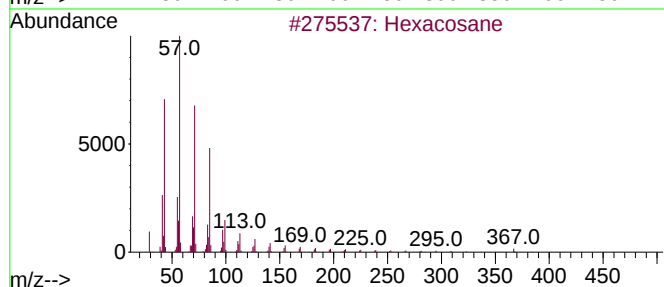
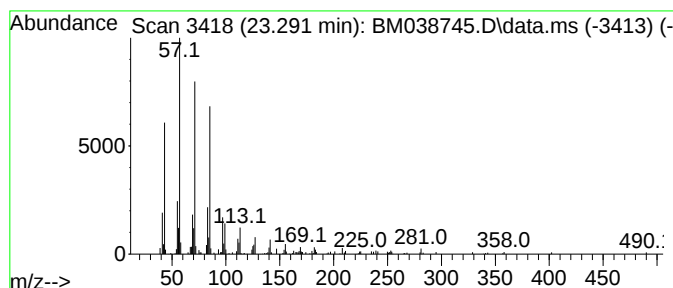
Instrument :  
BNA\_M  
ClientSampleId :  
STOCKPILE-COMP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.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 15 Heptadecane, 8-methyl- Concentration Rank 9

| R.T.      | EstConc                | Area   | Relative to ISTD |          | R.T.        |      |
|-----------|------------------------|--------|------------------|----------|-------------|------|
| 23.291    | 8.39 ng                | 363082 | Perylene-d12     |          | 23.838      |      |
| Hit# of 5 | Tentative ID           |        | MW               | MolForm  | CAS#        | Qual |
| 1         | Hexacosane             |        | 366              | C26H54   | 000630-01-3 | 90   |
| 2         | Heptadecane, 8-methyl- |        | 254              | C18H38   | 013287-23-5 | 87   |
| 3         | Heptacosane, 1-chloro- |        | 414              | C27H55Cl | 062016-79-9 | 83   |
| 4         | Tetratetracontane      |        | 619              | C44H90   | 007098-22-8 | 83   |
| 5         | Dodecane               |        | 170              | C12H26   | 000112-40-3 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021523\  
Data File : BM038745.D  
Acq On : 15 Feb 2023 13:11  
Operator : CG/JU  
Sample : 01538-15  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
STOCKPILE-COMP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

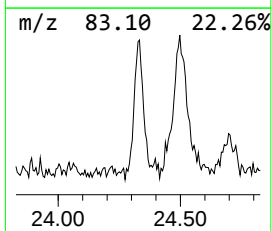
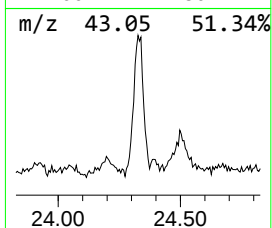
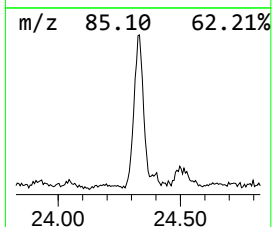
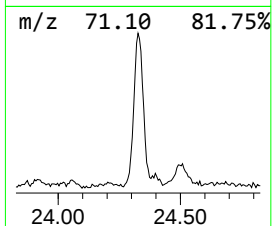
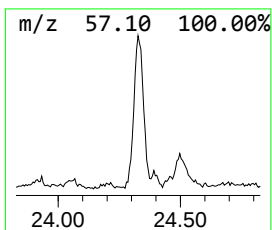
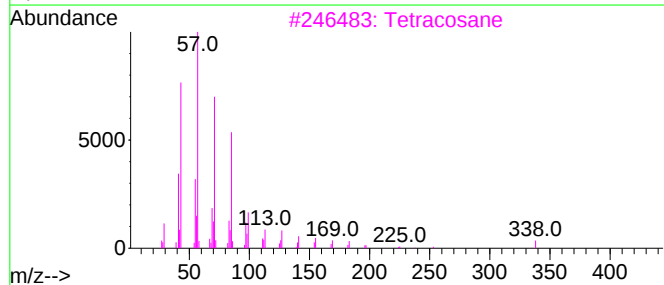
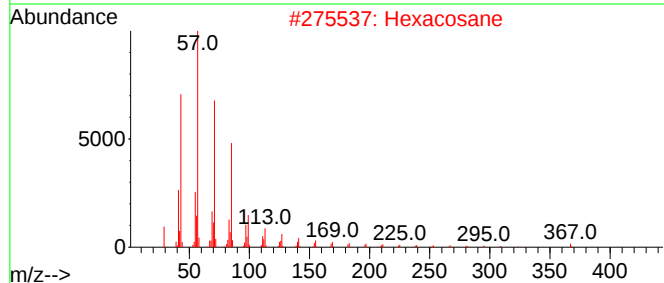
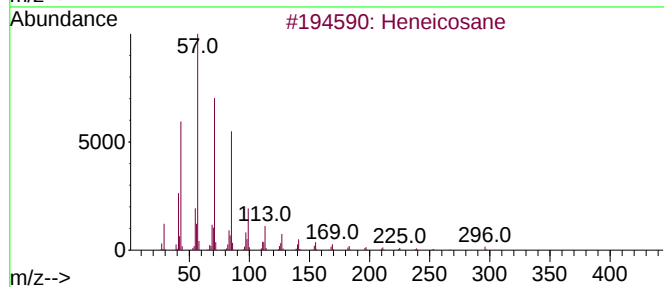
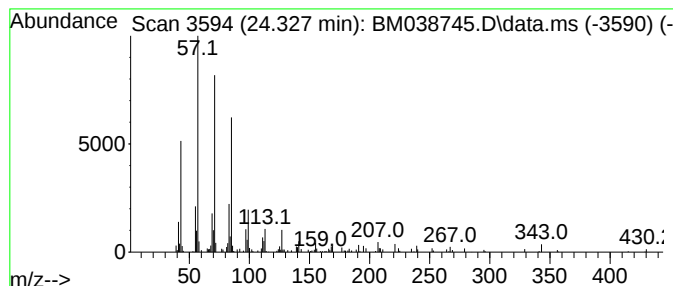
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TIC Integration Parameters: LSCINT.P

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Peak Number 16 Heneicosane Concentration Rank 11

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 24.327 | 6.71 ng | 290259 | Perylene-d12     | 23.838 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#         | Qual |
|------|----|---|---------------------|-----|---------|--------------|------|
| 1    |    |   | Heneicosane         | 296 | C21H44  | 000629-94-7  | 90   |
| 2    |    |   | Hexacosane          | 366 | C26H54  | 000630-01-3  | 87   |
| 3    |    |   | Tetracosane         | 338 | C24H50  | 000646-31-1  | 87   |
| 4    |    |   | Docosane, 11-butyl- | 366 | C26H54  | 013475-76-8  | 86   |
| 5    |    |   | Eicosane, 1-iodo-   | 408 | C20H41I | 1000406-31-8 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021523\  
Data File : BM038745.D  
Acq On : 15 Feb 2023 13:11  
Operator : CG/JU  
Sample : 01538-15  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
STOCKPILE-COMP-6

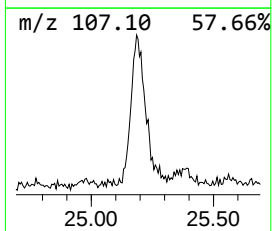
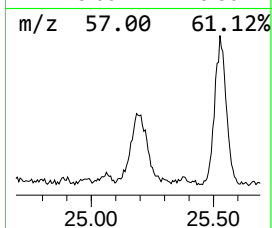
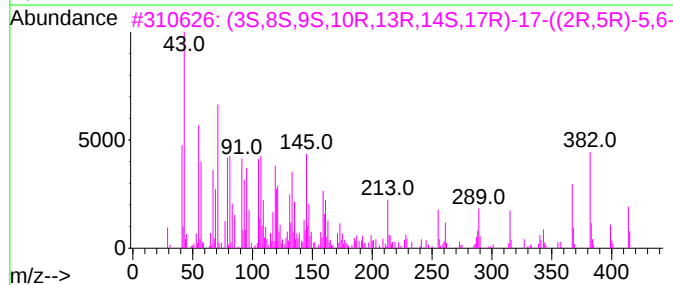
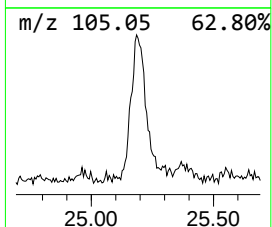
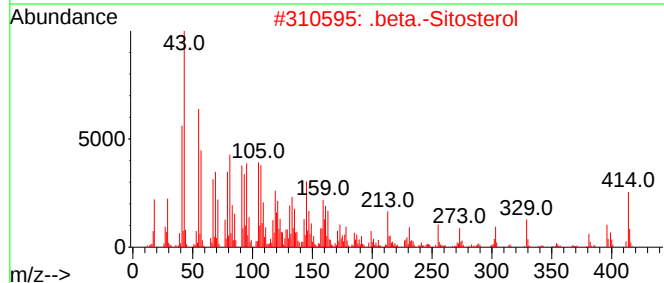
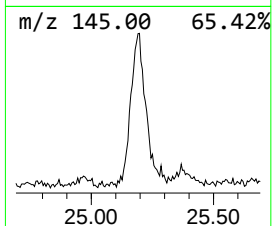
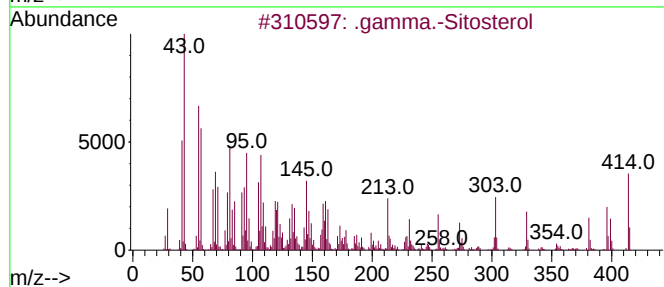
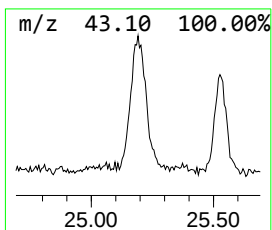
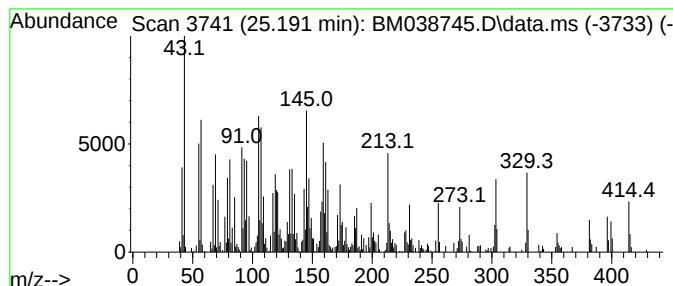
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 .gamma.-Sitosterol Concentration Rank 2

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 25.191 | 24.36 ng | 1053940 | Perylene-d12     | 23.838 |

| Hit# | of                                  | 5                 | Tentative ID | MW          | MolForm     | CAS# | Qual |
|------|-------------------------------------|-------------------|--------------|-------------|-------------|------|------|
| 1    | .                                   | gamma.-Sitosterol | 414          | C29H50O     | 000083-47-6 | 96   |      |
| 2    | .                                   | beta.-Sitosterol  | 414          | C29H50O     | 000083-46-5 | 95   |      |
| 3    | (3S,8S,9S,10R,13R,14S,17R)-17-((... | 414               | C29H50O      | 029365-29-5 | 70          |      |      |
| 4    | Campesterol                         | 400               | C28H48O      | 000474-62-4 | 35          |      |      |
| 5    | (3S,8S,9S,10R,13R,14S,17R)-17-((... | 428               | C30H52O      | 020194-50-7 | 28          |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021523\  
Data File : BM038745.D  
Acq On : 15 Feb 2023 13:11  
Operator : CG/JU  
Sample : 01538-15  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
STOCKPILE-COMP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.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-... | 4.981  | 21.2    | ng    | 371836   | 1                     | 7.892  | 350492 | 20.0 |
| Benzophenone       | 15.898 | 2.8     | ng    | 98196    | 3                     | 14.533 | 707877 | 20.0 |
| n-Hexadecanoic ... | 18.174 | 26.1    | ng    | 1160000  | 4                     | 17.280 | 888600 | 20.0 |
| unknown18.239      | 18.239 | 9.6     | ng    | 425329   | 4                     | 17.280 | 888600 | 20.0 |
| trans-Sinapalde... | 18.462 | 3.3     | ng    | 148530   | 4                     | 17.280 | 888600 | 20.0 |
| trans-Sinapyl a... | 18.503 | 5.0     | ng    | 223590   | 4                     | 17.280 | 888600 | 20.0 |
| 1,4-Benzenedica... | 19.180 | 3.3     | ng    | 147382   | 4                     | 17.280 | 888600 | 20.0 |
| Octadecanoic acid  | 19.445 | 12.9    | ng    | 607135   | 5                     | 21.462 | 939810 | 20.0 |
| Tetracosane        | 19.786 | 8.1     | ng    | 381657   | 5                     | 21.462 | 939810 | 20.0 |
| Supraene           | 20.027 | 4.4     | ng    | 205099   | 5                     | 21.462 | 939810 | 20.0 |
| Hexacosane         | 20.786 | 9.0     | ng    | 420800   | 5                     | 21.462 | 939810 | 20.0 |
| 1-Nonadecene       | 21.156 | 6.1     | ng    | 288588   | 5                     | 21.462 | 939810 | 20.0 |
| Hexadecane         | 21.592 | 8.9     | ng    | 417075   | 5                     | 21.462 | 939810 | 20.0 |
| Triacontane        | 22.391 | 8.8     | ng    | 415989   | 5                     | 21.462 | 939810 | 20.0 |
| Heptadecane, 8-... | 23.291 | 8.4     | ng    | 363082   | 6                     | 23.838 | 865163 | 20.0 |
| Heneicosane        | 24.327 | 6.7     | ng    | 290259   | 6                     | 23.838 | 865163 | 20.0 |
| .gamma.-Sitosterol | 25.191 | 24.4    | ng    | 1053940  | 6                     | 23.838 | 865163 | 20.0 |