

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
 Data File : BM029265.D  
 Acq On : 30 Mar 2021 03:48  
 Operator : CG/JU  
 Sample : M1821-03  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EL-511-STREET-LEVEL

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-BM032621.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029265.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         | 3.016       | 17            | 22          | 26           | rBV      | 538874         | 617786        | 10.26%          | 1.509%        |
| 2         | 3.057       | 26            | 29          | 41           | rVB      | 104185         | 133891        | 2.22%           | 0.327%        |
| 3         | 4.904       | 338           | 343         | 351          | rBV      | 194350         | 264646        | 4.39%           | 0.646%        |
| 4         | 5.363       | 414           | 421         | 428          | rBV      | 1991240        | 2838721       | 47.14%          | 6.934%        |
| 5         | 6.934       | 681           | 688         | 703          | rBV      | 1907503        | 3133603       | 52.03%          | 7.654%        |
| 6         | 7.757       | 821           | 828         | 835          | rBV      | 517700         | 802882        | 13.33%          | 1.961%        |
| 7         | 8.910       | 1016          | 1024        | 1033         | rBV      | 1228532        | 2055431       | 34.13%          | 5.021%        |
| 8         | 10.539      | 1293          | 1301        | 1307         | rBV      | 682778         | 1150544       | 19.10%          | 2.810%        |
| 9         | 13.004      | 1713          | 1720        | 1729         | rBV      | 2910166        | 4349373       | 72.22%          | 10.624%       |
| 10        | 13.604      | 1818          | 1822        | 1828         | rVB      | 50541          | 68487         | 1.14%           | 0.167%        |
| 11        | 13.839      | 1857          | 1862        | 1867         | rBV      | 72466          | 103245        | 1.71%           | 0.252%        |
| 12        | 14.104      | 1901          | 1907        | 1913         | rBV      | 33759          | 66986         | 1.11%           | 0.164%        |
| 13        | 14.386      | 1948          | 1955        | 1961         | rBV      | 924244         | 1435415       | 23.84%          | 3.506%        |
| 14        | 14.445      | 1961          | 1965        | 1973         | rVB2     | 37083          | 62725         | 1.04%           | 0.153%        |
| 15        | 14.786      | 2017          | 2023        | 2030         | rBV3     | 36257          | 74429         | 1.24%           | 0.182%        |
| 16        | 15.868      | 2200          | 2207        | 2216         | rBV      | 2242649        | 3198687       | 53.11%          | 7.813%        |
| 17        | 17.121      | 2414          | 2420        | 2424         | rBV      | 1153223        | 1638398       | 27.21%          | 4.002%        |
| 18        | 17.162      | 2424          | 2427        | 2433         | rVB      | 410152         | 534524        | 8.88%           | 1.306%        |
| 19        | 17.251      | 2438          | 2442        | 2448         | rVB      | 119712         | 174465        | 2.90%           | 0.426%        |
| 20        | 18.021      | 2564          | 2573        | 2582         | rBV2     | 893921         | 1499996       | 24.91%          | 3.664%        |
| 21        | 18.186      | 2597          | 2601        | 2605         | rBV3     | 88280          | 148181        | 2.46%           | 0.362%        |
| 22        | 18.492      | 2650          | 2653        | 2657         | rBV      | 45464          | 65853         | 1.09%           | 0.161%        |
| 23        | 18.533      | 2657          | 2660        | 2665         | rVB3     | 48069          | 68932         | 1.14%           | 0.168%        |
| 24        | 19.050      | 2744          | 2748        | 2756         | rBV2     | 84420          | 122397        | 2.03%           | 0.299%        |
| 25        | 19.174      | 2763          | 2769        | 2784         | rBV2     | 1109234        | 2552198       | 42.38%          | 6.234%        |
| 26        | 19.298      | 2786          | 2790        | 2798         | rVB2     | 498230         | 709378        | 11.78%          | 1.733%        |
| 27        | 19.533      | 2826          | 2830        | 2839         | rVB      | 677285         | 1005867       | 16.70%          | 2.457%        |
| 28        | 19.745      | 2860          | 2866        | 2871         | rBV      | 4910111        | 6022260       | 100.00%         | 14.710%       |
| 29        | 20.027      | 2911          | 2914        | 2918         | rVB3     | 118199         | 155150        | 2.58%           | 0.379%        |
| 30        | 21.009      | 3077          | 3081        | 3087         | rBV3     | 923517         | 1084975       | 18.02%          | 2.650%        |
| 31        | 21.286      | 3122          | 3128        | 3132         | rBV2     | 1655448        | 2624042       | 43.57%          | 6.410%        |
| 32        | 21.327      | 3132          | 3135        | 3141         | rVB      | 403161         | 523435        | 8.69%           | 1.279%        |
| 33        | 23.527      | 3504          | 3509        | 3515         | rVB2     | 927334         | 1652878       | 27.45%          | 4.037%        |

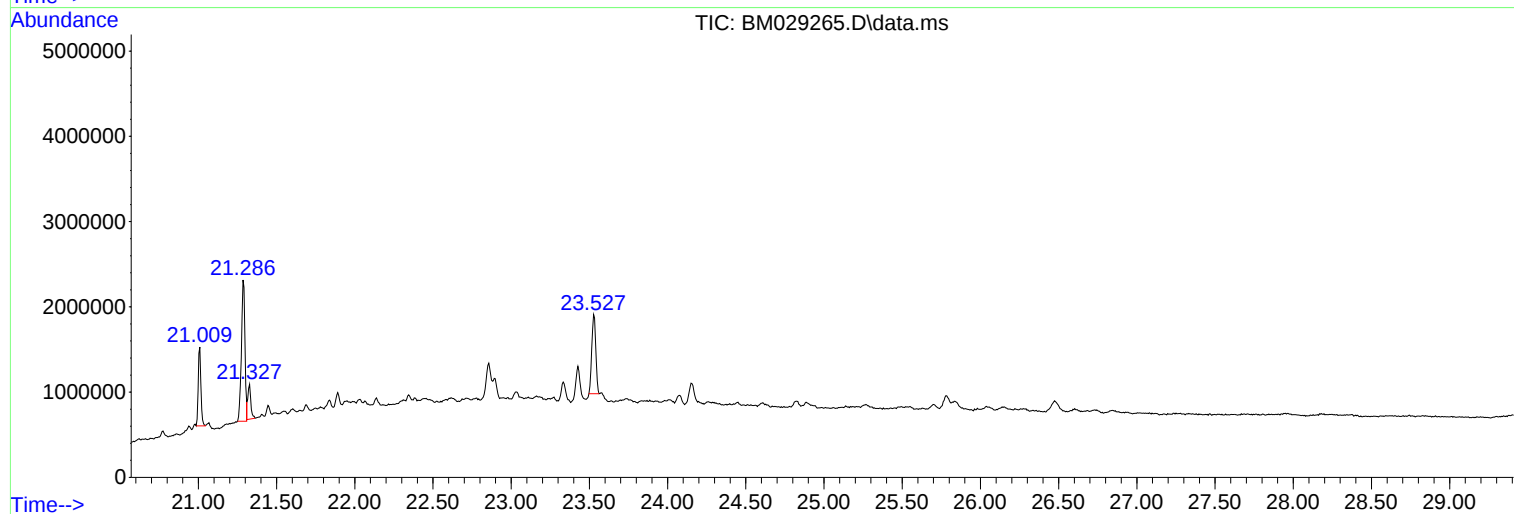
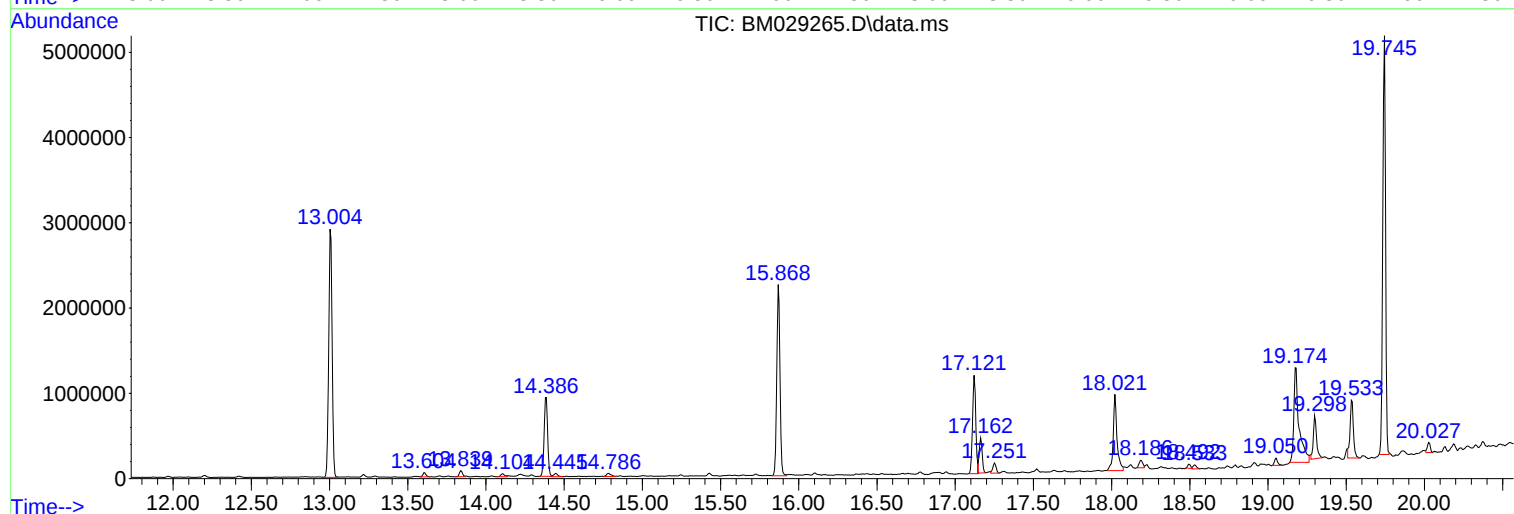
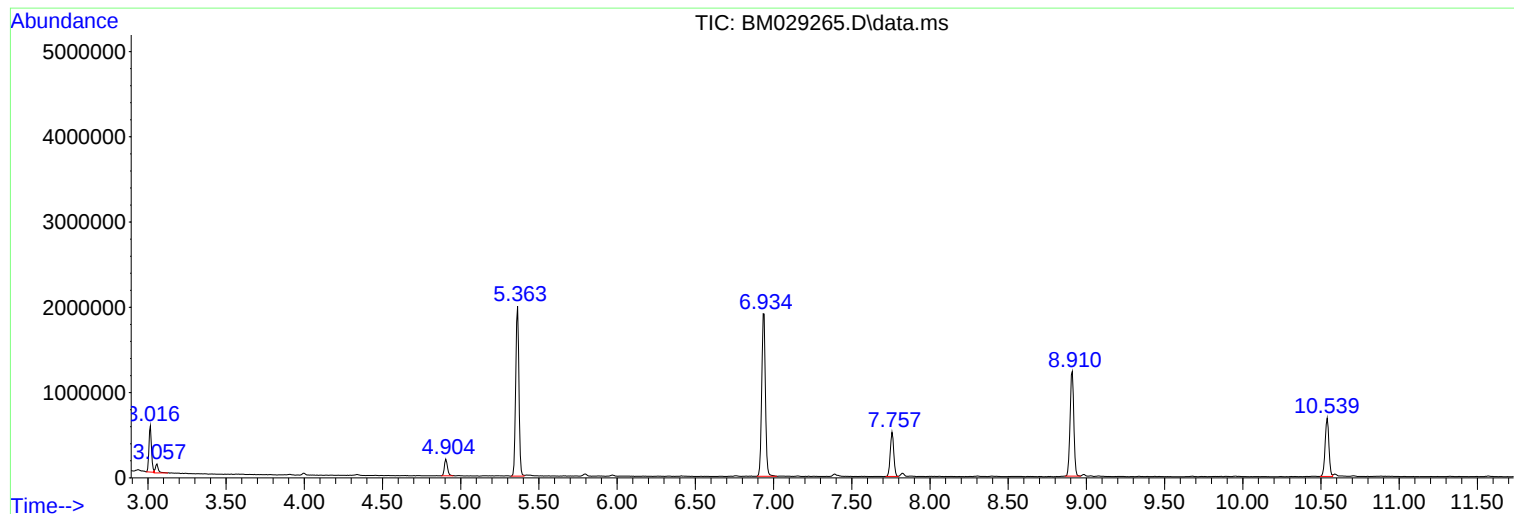
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Misc :  
ALS Vial : 17 Sample Multiplier: 1

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BNA\_M  
ClientSampleId :  
EL-511-STREET-LEVEL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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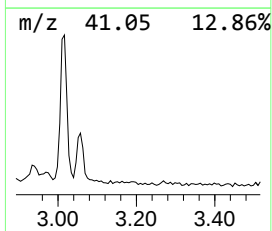
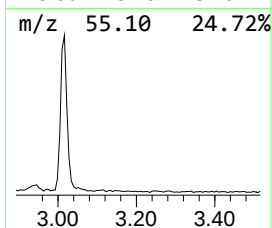
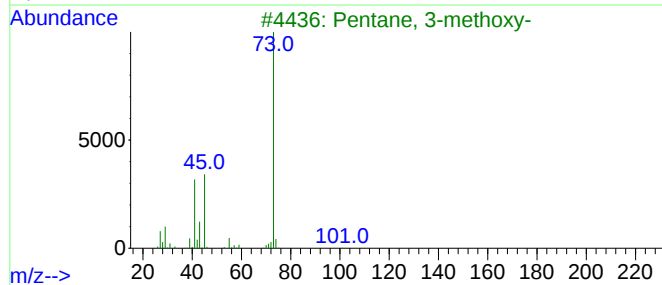
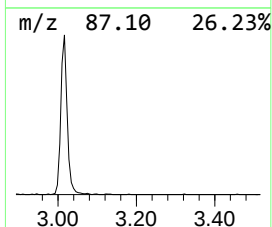
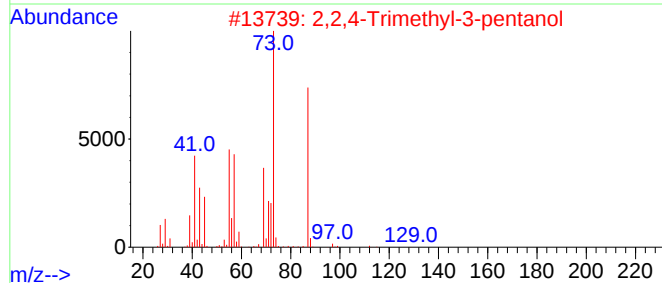
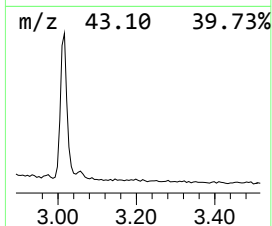
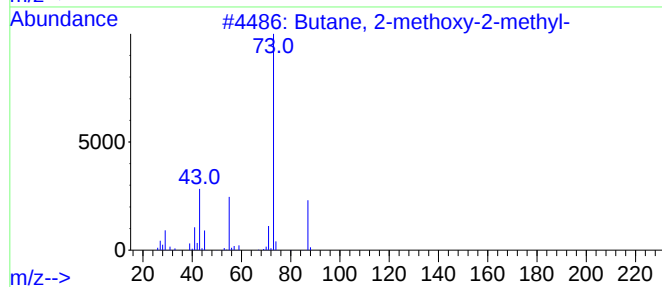
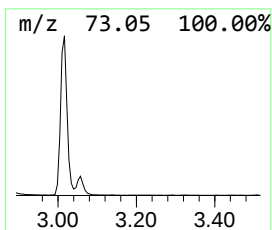
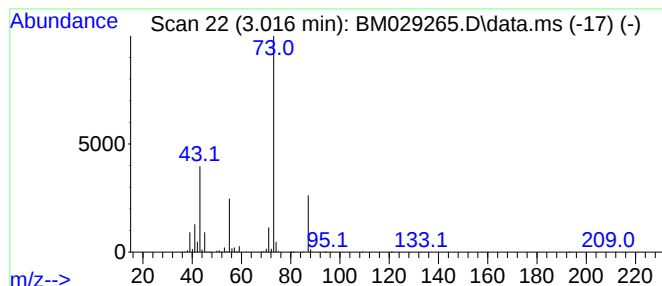
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 3.016 | 15.39 ng | 617786 | 1,4-Dichlorobenzene-d4 | 7.757 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 3    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |
| 4    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 10   |
| 5    |    |   | Borane, dimethoxy-          | 74  | C2H7BO2 | 004542-61-4 | 9    |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

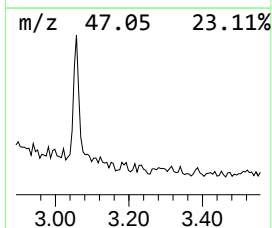
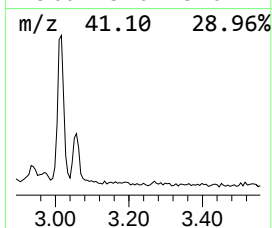
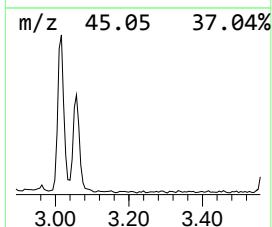
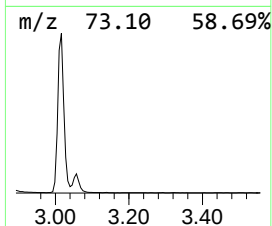
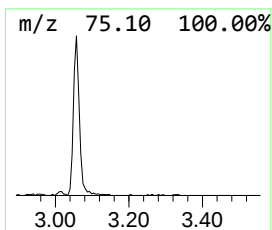
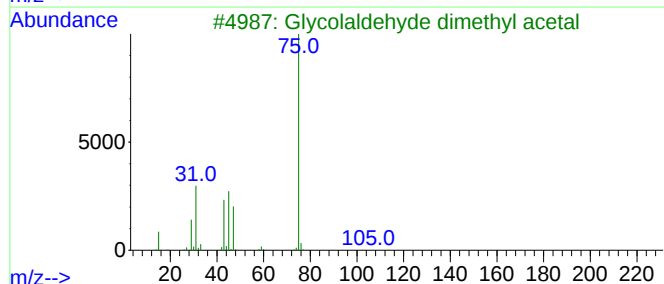
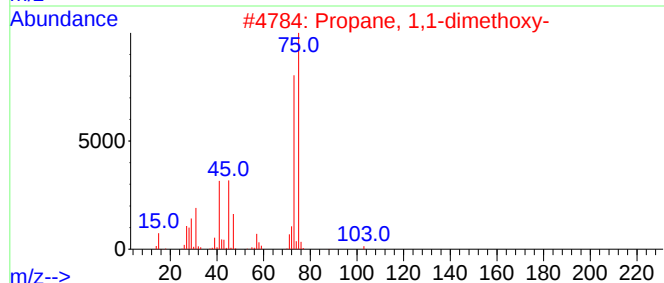
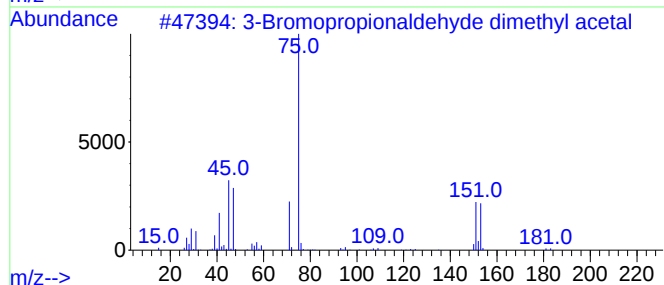
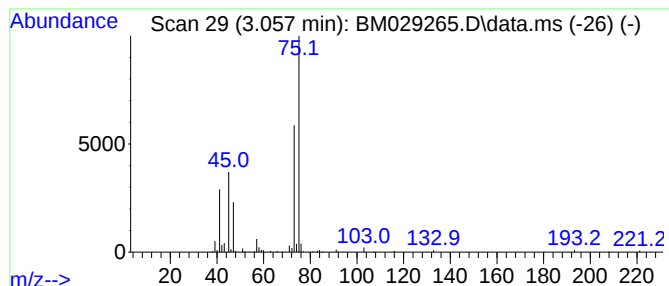
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 3-Bromopropionaldehyde dime... Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 3.057 | 3.34 ng | 133891 | 1,4-Dichlorobenzene-d4 | 7.757 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | 3-Bromopropionaldehyde dimethyl ... | 182 | C5H11BrO2 | 036255-44-4 | 72   |
| 2    |    |   | Propane, 1,1-dimethoxy-             | 104 | C5H12O2   | 004744-10-9 | 64   |
| 3    |    |   | Glycolaldehyde dimethyl acetal      | 106 | C4H10O3   | 030934-97-5 | 40   |
| 4    |    |   | 2-Propanol, 1,1-dimethoxy-          | 120 | C5H12O3   | 042919-42-6 | 39   |
| 5    |    |   | Ethane, 1,1-dimethoxy-2-[(2,2-di... | 210 | C8H18O4S  | 078102-16-6 | 39   |



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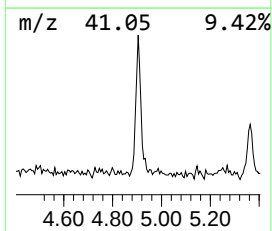
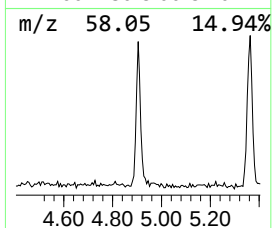
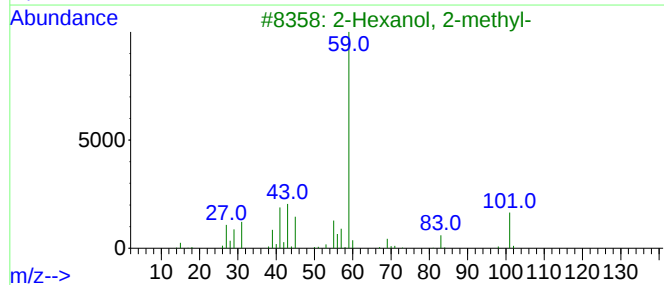
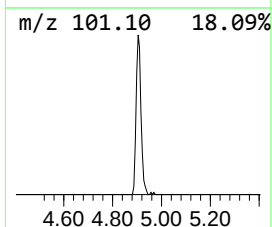
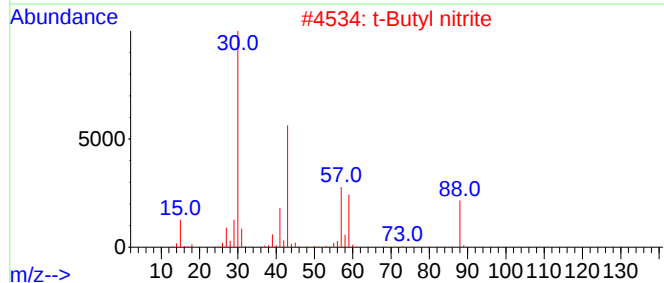
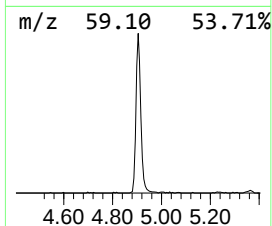
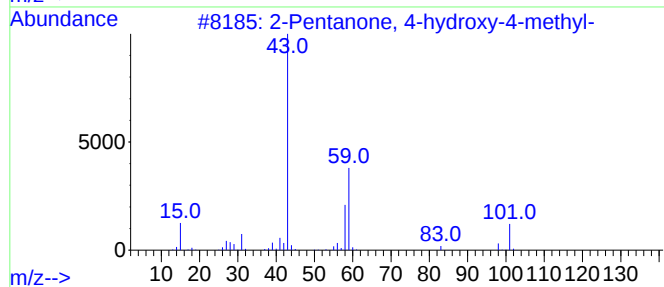
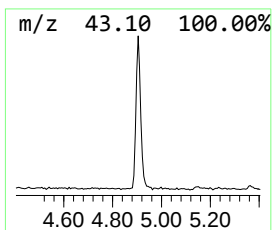
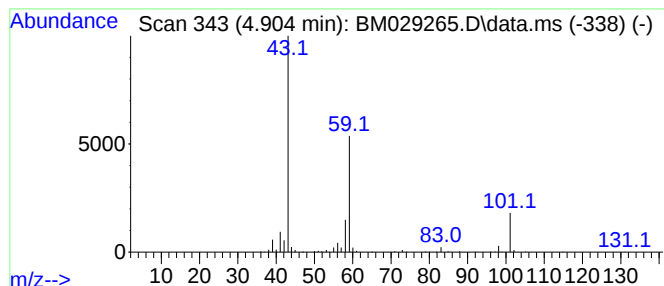
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 4.904 | 6.59 ng | 264646 | 1,4-Dichlorobenzene-d4 | 7.757 |

| Hit# | of                               | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|----------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl- | 116 | C6H12O2      | 000123-42-2 | 42      |      |      |
| 2    | t-Butyl nitrite                  | 103 | C4H9NO2      | 000540-80-7 | 39      |      |      |
| 3    | 2-Hexanol, 2-methyl-             | 116 | C7H16O       | 000625-23-0 | 28      |      |      |
| 4    | 4-Hydroxy-3-hexanone             | 116 | C6H12O2      | 004984-85-4 | 23      |      |      |
| 5    | Butyl aldoxime, 3-methyl-, syn-  | 101 | C5H11NO      | 005780-40-5 | 23      |      |      |



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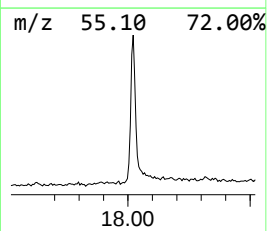
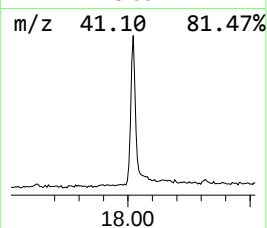
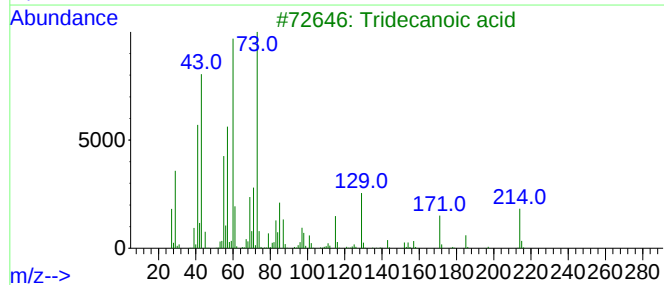
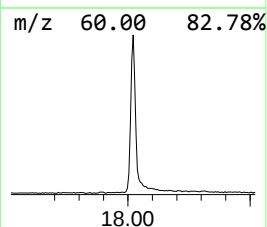
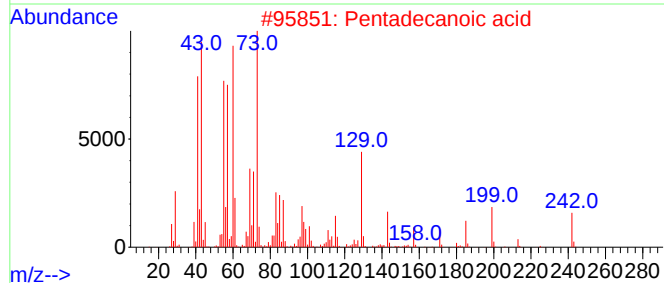
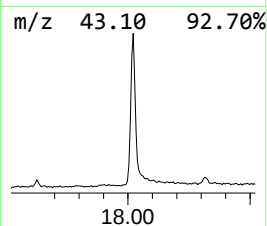
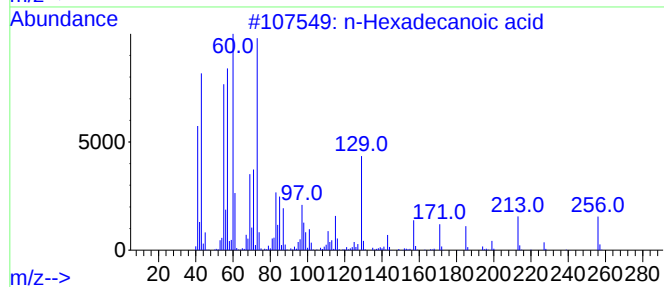
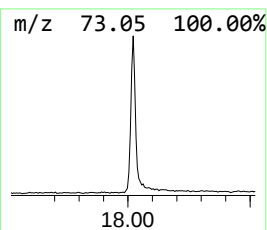
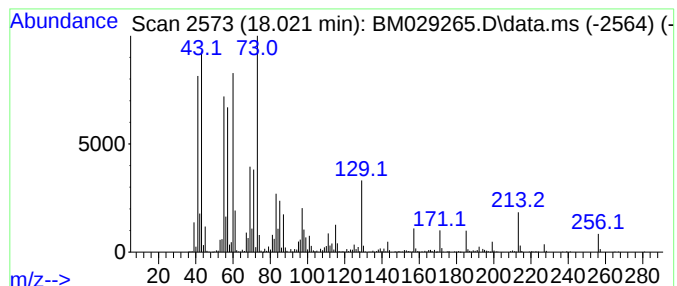
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TIC Library : C:\DATABASE\NIST11.L  
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 18.021 | 18.31 ng | 1500000 | Phenanthrene-d10 | 17.121 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | n-Hexadecanoic acid                | 256 | C16H32O2 | 000057-10-3  | 99   |
| 2    |    |   | Pentadecanoic acid                 | 242 | C15H30O2 | 001002-84-2  | 90   |
| 3    |    |   | Tridecanoic acid                   | 214 | C13H26O2 | 000638-53-9  | 87   |
| 4    |    |   | Tetradecanoic acid                 | 228 | C14H28O2 | 000544-63-8  | 72   |
| 5    |    |   | Oxalic acid, allyl hexadecyl ester | 354 | C21H38O4 | 1000309-24-4 | 20   |



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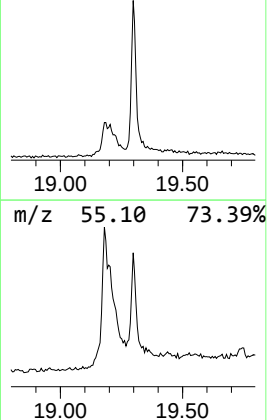
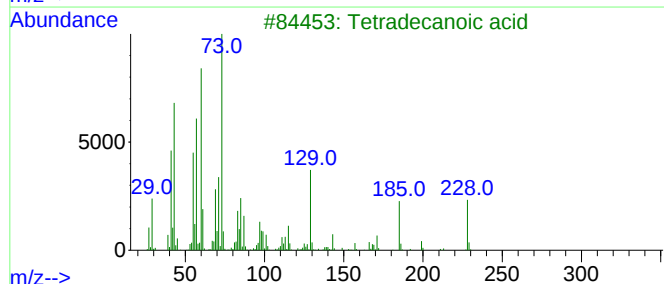
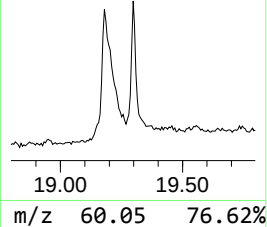
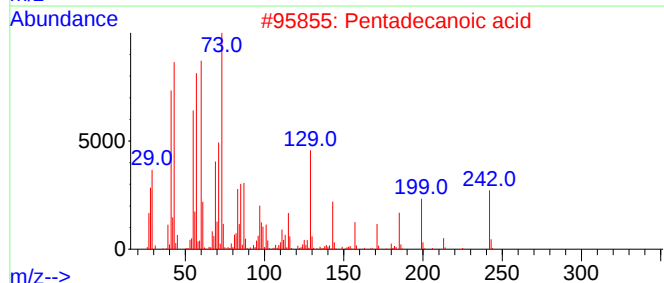
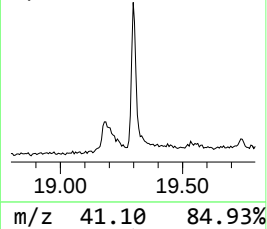
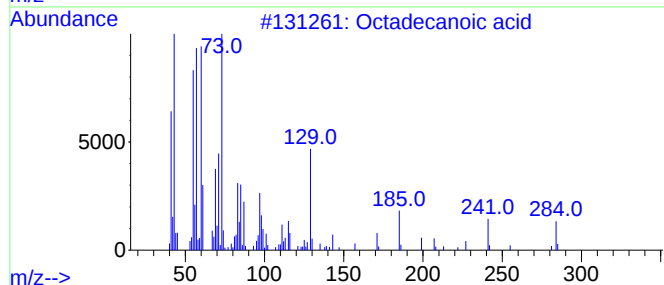
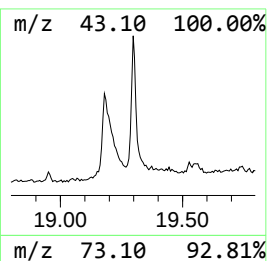
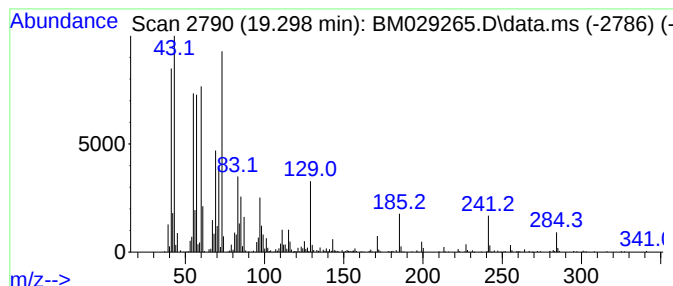
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Octadecanoic acid Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 19.297 | 5.41 ng | 709378 | Chrysene-d12     | 21.291 |

| 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 | 74   |
| 4    |    |   | Decanoic acid, silver(1+) salt | 278 | C10H19AgO2 | 013126-67-5 | 58   |
| 5    |    |   | n-Decanoic acid                | 172 | C10H20O2   | 000334-48-5 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
Data File : BM029265.D  
Acq On : 30 Mar 2021 03:48  
Operator : CG/JU  
Sample : M1821-03  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EL-511-STREET-LEVEL

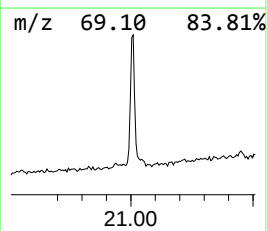
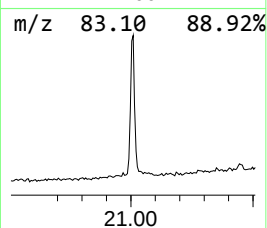
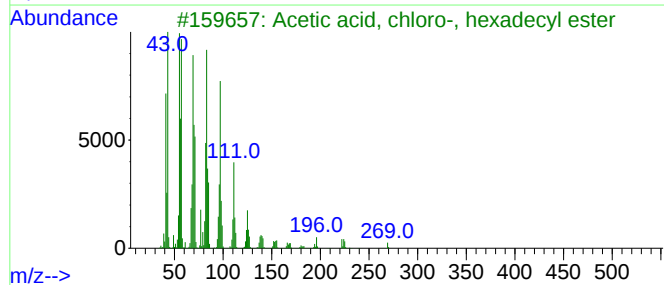
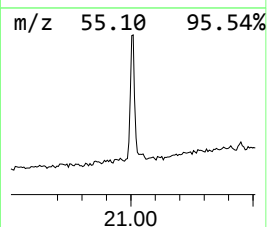
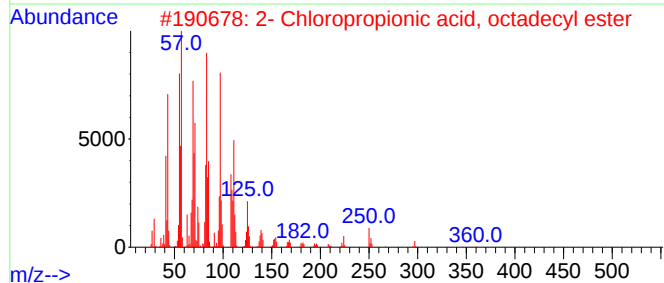
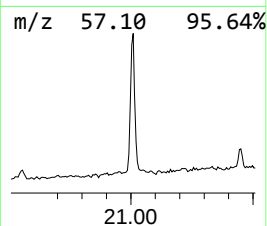
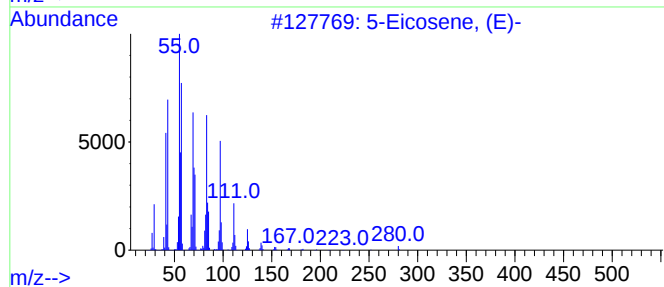
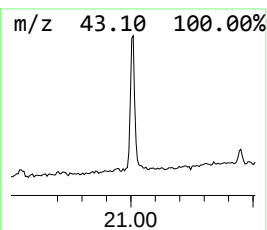
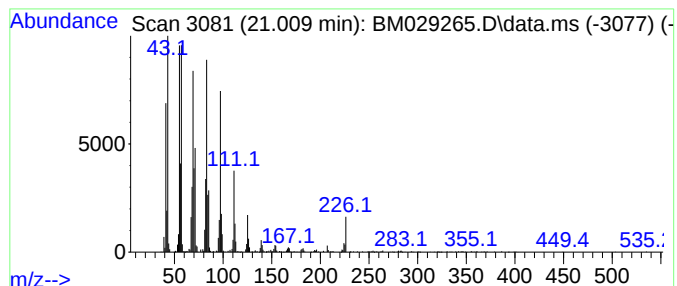
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 5-Eicosene, (E)- Concentration Rank 3

| R.T.   | EstConc | Area    | Relative to ISTD | R.T.   |
|--------|---------|---------|------------------|--------|
| 21.009 | 8.27 ng | 1084980 | Chrysene-d12     | 21.291 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | 5-Eicosene, (E)-                    | 280 | C20H40      | 074685-30-6  | 99   |
| 2    |    |   | 2- Chloropropionic acid, octadec... | 360 | C21H41ClO2  | 088104-31-8  | 94   |
| 3    |    |   | Acetic acid, chloro-, hexadecyl ... | 318 | C18H35ClO2  | 052132-58-8  | 94   |
| 4    |    |   | Behenic alcohol                     | 326 | C22H46O     | 000661-19-8  | 94   |
| 5    |    |   | Dichloroacetic acid, heptadecyl ... | 366 | C19H36Cl2O2 | 1000282-98-2 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032921\  
Data File : BM029265.D  
Acq On : 30 Mar 2021 03:48  
Operator : CG/JU  
Sample : M1821-03  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
EL-511-STREET-LEVEL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032621.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butane, 2-metho... | 3.016  | 15.4    | ng    | 617786   | 1                     | 7.757  | 802882  | 20.0 |
| 3-Bromopropiona... | 3.057  | 3.3     | ng    | 133891   | 1                     | 7.757  | 802882  | 20.0 |
| 2-Pentanone, 4-... | 4.904  | 6.6     | ng    | 264646   | 1                     | 7.757  | 802882  | 20.0 |
| n-Hexadecanoic ... | 18.021 | 18.3    | ng    | 1500000  | 4                     | 17.121 | 1638400 | 20.0 |
| Octadecanoic acid  | 19.297 | 5.4     | ng    | 709378   | 5                     | 21.291 | 2624040 | 20.0 |
| 5-Eicosene, (E)-   | 21.009 | 8.3     | ng    | 1084980  | 5                     | 21.291 | 2624040 | 20.0 |