

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120922\  
 Data File : BF131567.D  
 Acq On : 09 Dec 2022 15:24  
 Operator : CG\JU  
 Sample : PB149504BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB149504BL

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\_F\Methods\8270-BF120822.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131567.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         | 2.204       | 14            | 20          | 25           | rVB      | 42759          | 54075         | 2.00%           | 0.357%        |
| 2         | 5.128       | 512           | 517         | 529          | rBV      | 263650         | 360902        | 13.36%          | 2.381%        |
| 3         | 5.522       | 579           | 584         | 587          | rBV      | 1878730        | 1940988       | 71.84%          | 12.803%       |
| 4         | 6.534       | 750           | 756         | 759          | rBV      | 1692023        | 1922394       | 71.16%          | 12.680%       |
| 5         | 6.904       | 816           | 819         | 823          | rBV      | 403924         | 356372        | 13.19%          | 2.351%        |
| 6         | 7.475       | 910           | 916         | 919          | rBV      | 1289651        | 1269833       | 47.00%          | 8.376%        |
| 7         | 8.198       | 1034          | 1039        | 1042         | rBV      | 509674         | 447407        | 16.56%          | 2.951%        |
| 8         | 9.280       | 1217          | 1223        | 1226         | rBV      | 3011558        | 2503380       | 92.66%          | 16.513%       |
| 9         | 9.963       | 1334          | 1339        | 1342         | rBV      | 605662         | 553528        | 20.49%          | 3.651%        |
| 10        | 10.751      | 1469          | 1473        | 1477         | rBV      | 1726833        | 1655681       | 61.28%          | 10.921%       |
| 11        | 11.451      | 1589          | 1592        | 1596         | rBV      | 683897         | 587926        | 21.76%          | 3.878%        |
| 12        | 13.051      | 1859          | 1864        | 1867         | rBV      | 3107782        | 2701696       | 100.00%         | 17.821%       |
| 13        | 14.104      | 2039          | 2043        | 2047         | rBV      | 449791         | 370808        | 13.73%          | 2.446%        |
| 14        | 15.615      | 2294          | 2300        | 2304         | rBV2     | 211679         | 277372        | 10.27%          | 1.830%        |
| 15        | 16.104      | 2377          | 2383        | 2392         | rBV2     | 21636          | 38200         | 1.41%           | 0.252%        |
| 16        | 16.639      | 2468          | 2474        | 2484         | rBV3     | 21975          | 45372         | 1.68%           | 0.299%        |
| 17        | 17.262      | 2570          | 2580        | 2591         | rBV3     | 16298          | 42060         | 1.56%           | 0.277%        |
| 18        | 18.015      | 2699          | 2708        | 2720         | rBV4     | 11747          | 32306         | 1.20%           | 0.213%        |

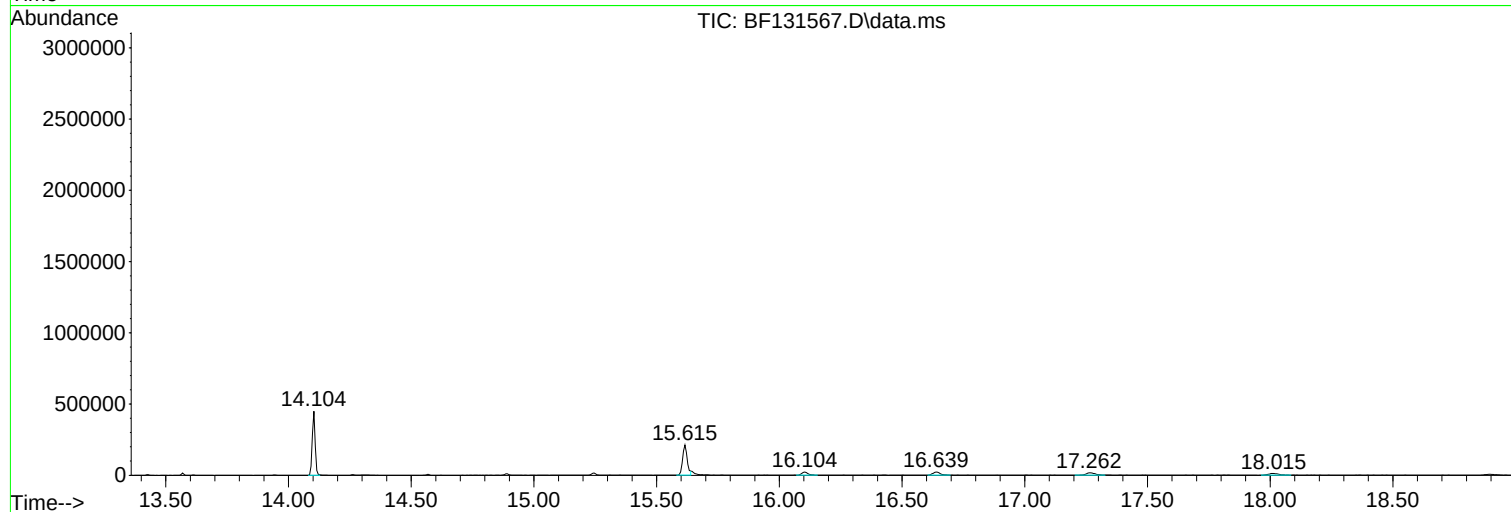
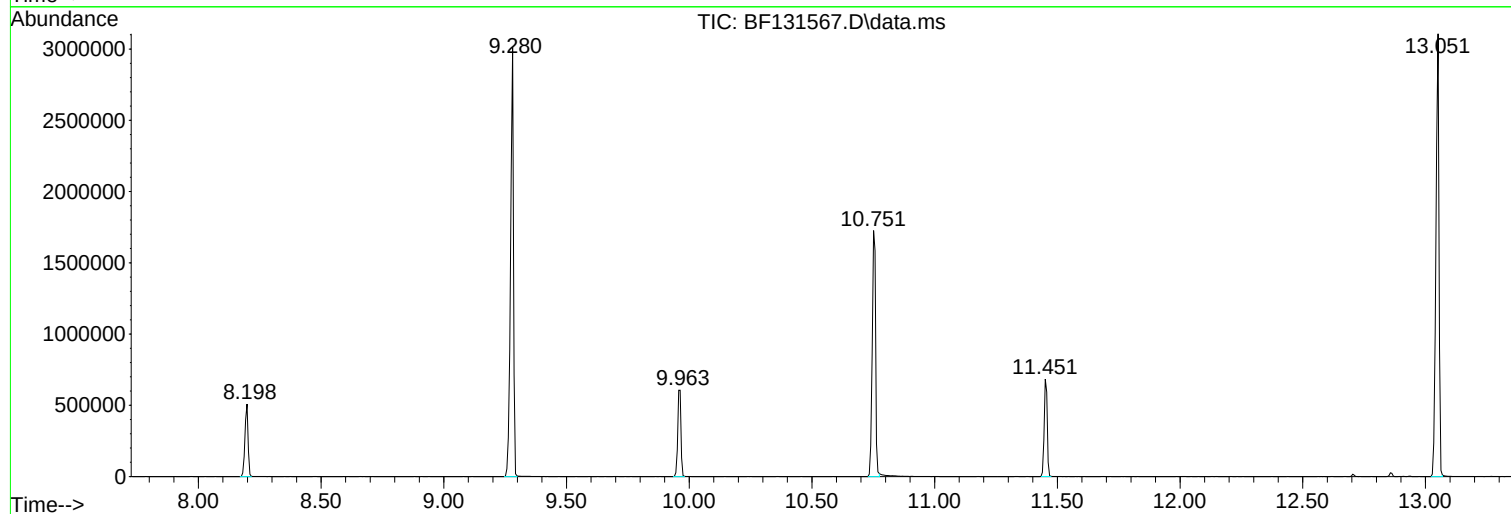
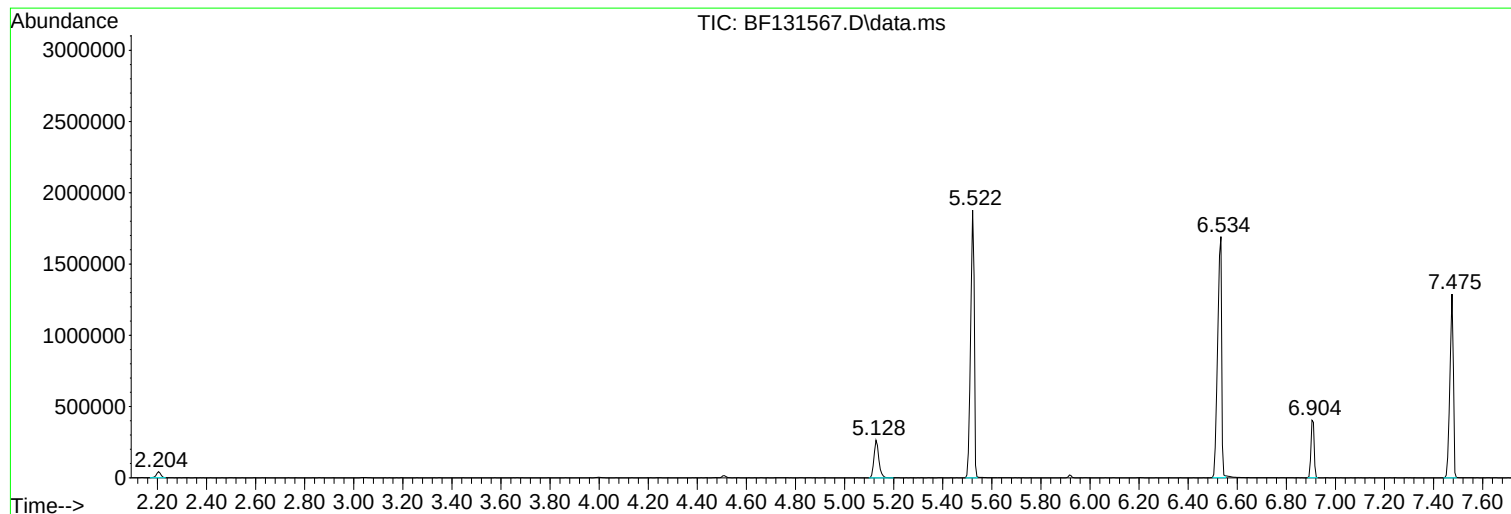
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120922\  
Data File : BF131567.D  
Acq On : 09 Dec 2022 15:24  
Operator : CG\JU  
Sample : PB149504BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB149504BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120822.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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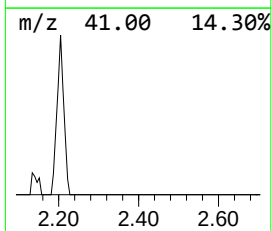
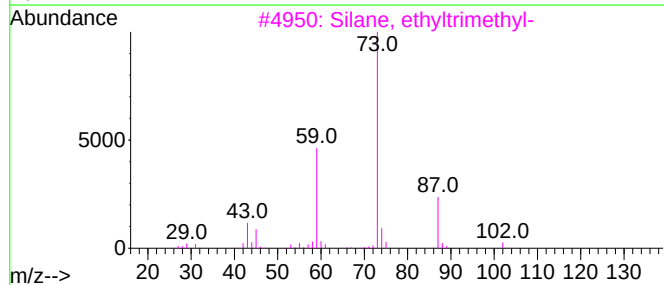
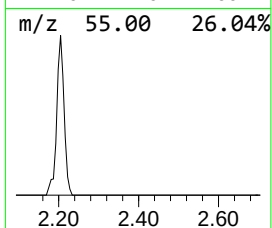
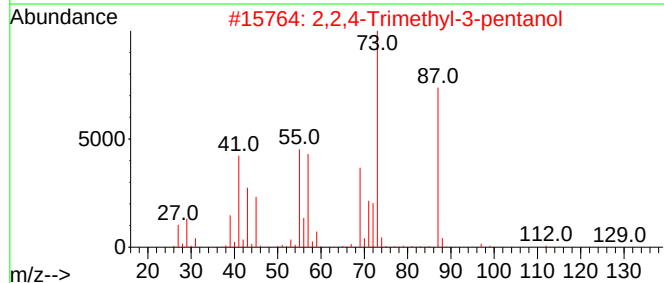
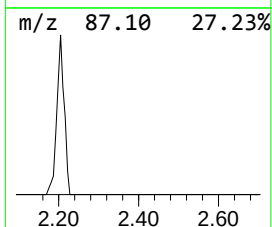
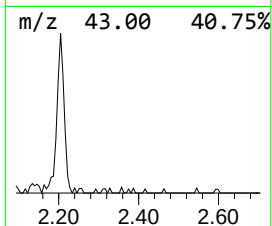
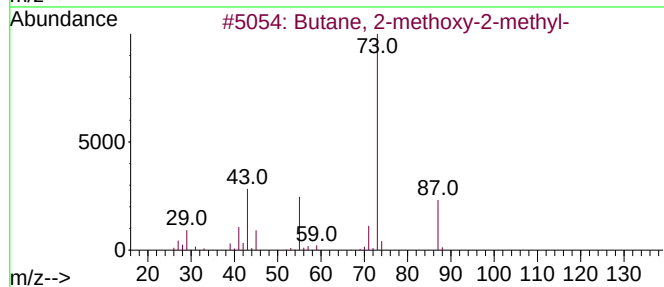
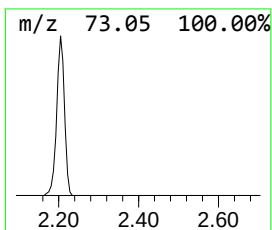
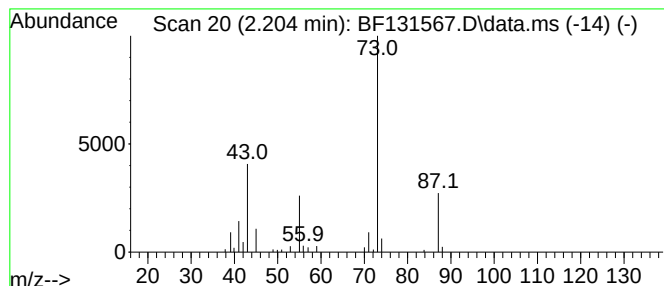
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 2.204 | 3.03 ng | 54075 | 1,4-Dichlorobenzene-d4 | 6.910 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 64   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 3    |    |   | Silane, ethyltrimethyl-     | 102 | C5H14Si | 003439-38-1 | 36   |
| 4    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 32   |
| 5    |    |   | Acetamide, N-ethyl-         | 87  | C4H9NO  | 000625-50-3 | 10   |



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BNA\_F  
ClientSampleId :  
PB149504BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

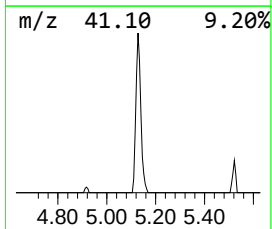
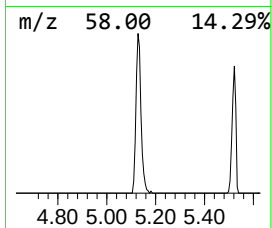
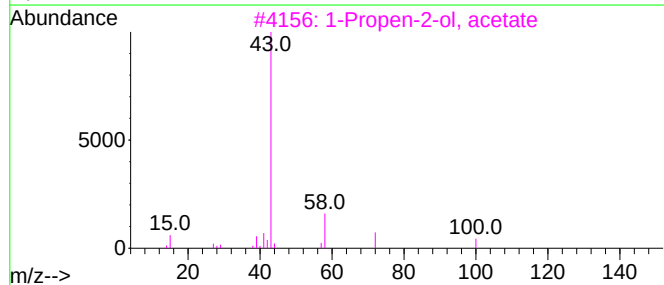
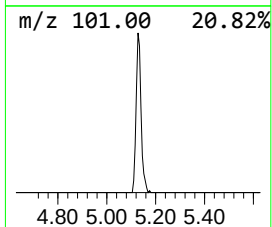
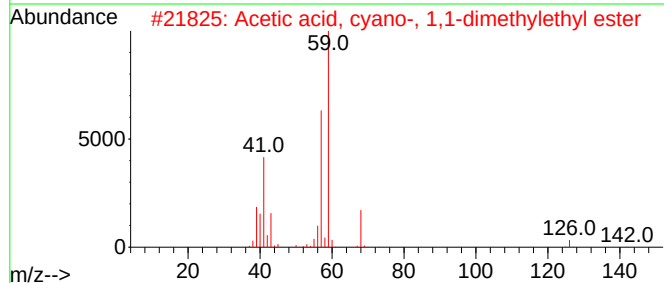
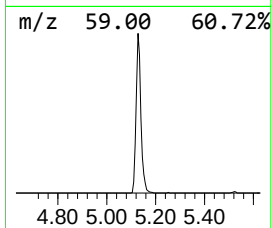
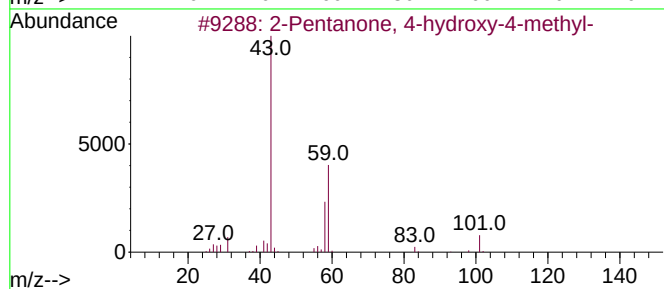
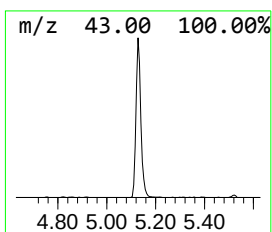
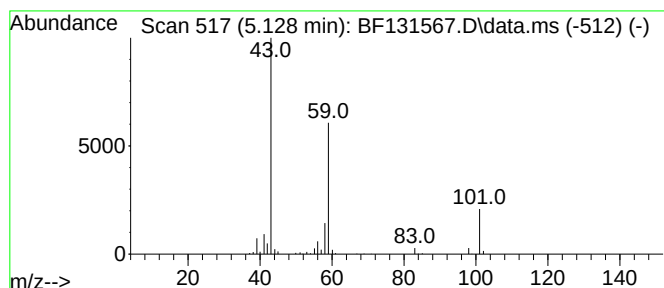
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 5.128 | 20.25 ng | 360902 | 1,4-Dichlorobenzene-d4 | 6.910 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 56   |
| 2    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 23   |
| 3    |    |   | 1-Propen-2-ol, acetate              | 100 | C5H8O2   | 000108-22-5 | 10   |
| 4    |    |   | Morpholine, 4-methyl-               | 101 | C5H11NO  | 000109-02-4 | 9    |
| 5    |    |   | 2,3-Butanedione, monooxime          | 101 | C4H7NO2  | 000057-71-6 | 9    |



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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB149504BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

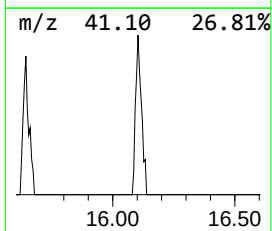
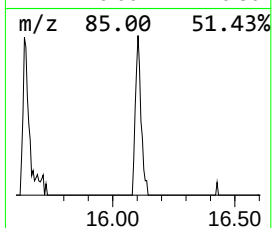
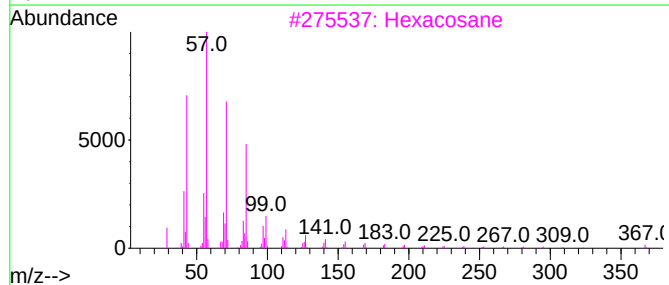
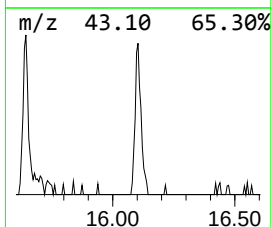
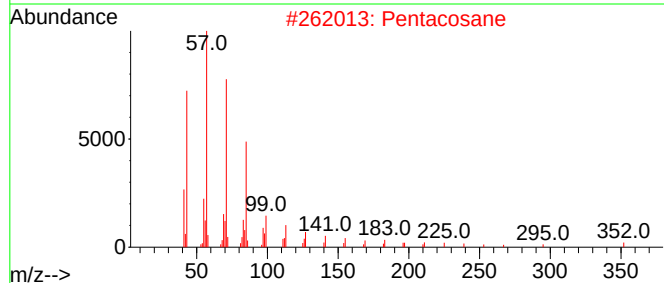
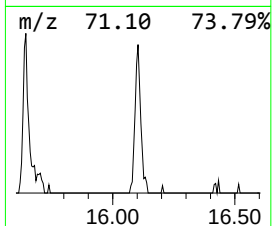
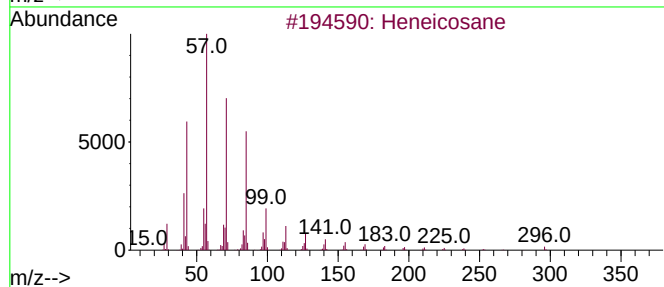
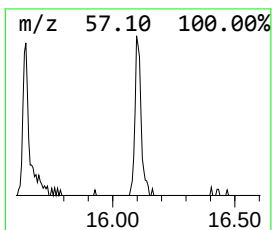
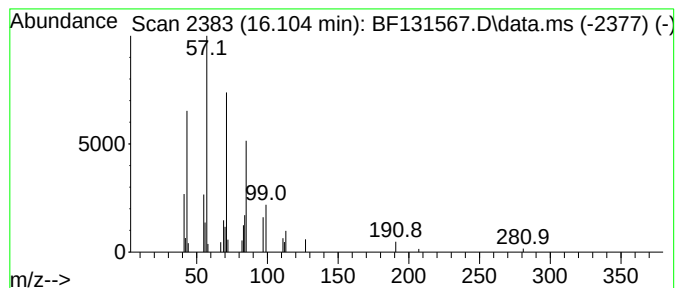
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Heneicosane Concentration Rank 5

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 16.104 | 2.75 ng | 38200 | Perylene-d12     | 15.615 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Heneicosane  | 296 | C21H44  | 000629-94-7 | 86   |
| 2    |    |   | Pentacosane  | 352 | C25H52  | 000629-99-2 | 80   |
| 3    |    |   | Hexacosane   | 366 | C26H54  | 000630-01-3 | 80   |
| 4    |    |   | Heptadecane  | 240 | C17H36  | 000629-78-7 | 78   |
| 5    |    |   | Hexadecane   | 226 | C16H34  | 000544-76-3 | 72   |



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Sample : PB149504BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB149504BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120822.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

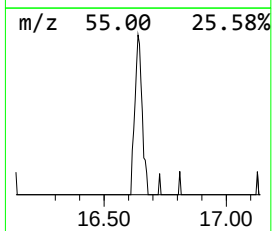
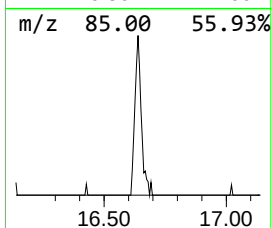
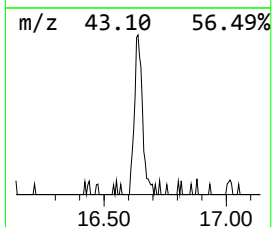
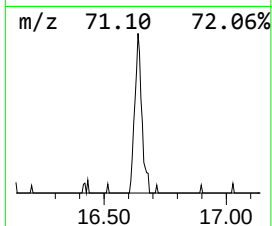
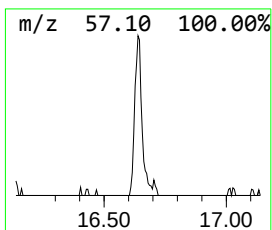
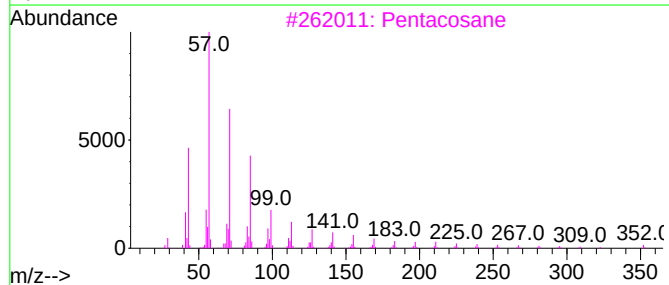
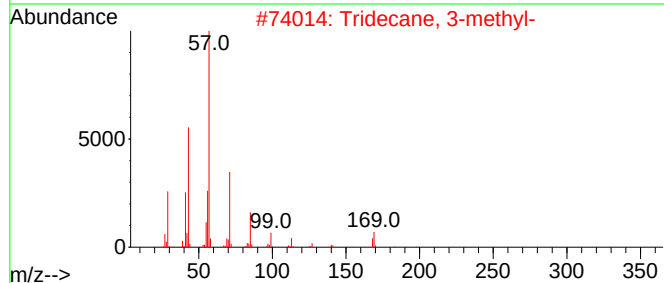
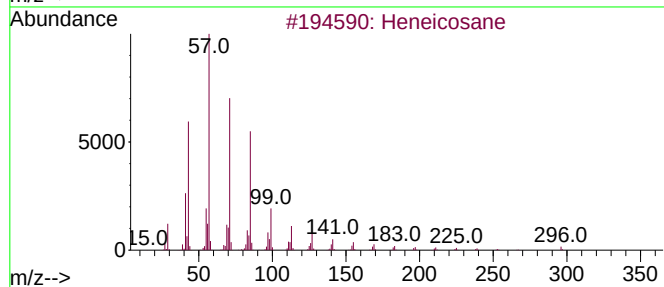
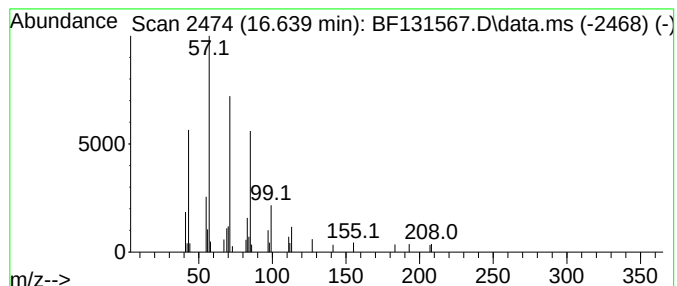
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Tridecane, 3-methyl- Concentration Rank 2

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 16.639 | 3.27 ng | 45372 | Perylene-d12     | 15.615 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Heneicosane          | 296 | C21H44  | 000629-94-7 | 87   |
| 2    |    |   | Tridecane, 3-methyl- | 198 | C14H30  | 006418-41-3 | 80   |
| 3    |    |   | Pentacosane          | 352 | C25H52  | 000629-99-2 | 80   |
| 4    |    |   | Dodecane, 1-iodo-    | 296 | C12H25I | 004292-19-7 | 59   |
| 5    |    |   | Hexacosane           | 366 | C26H54  | 000630-01-3 | 59   |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120822.M  
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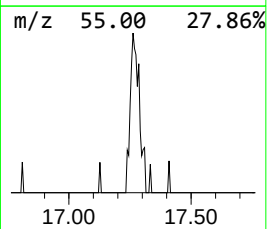
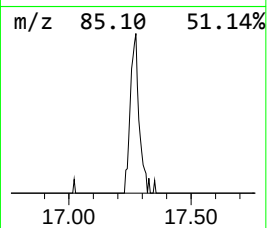
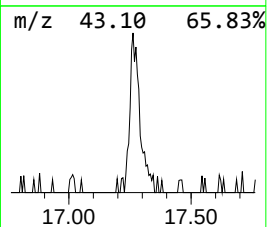
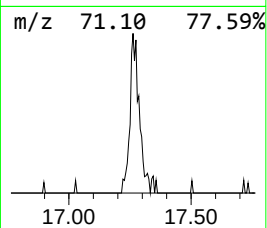
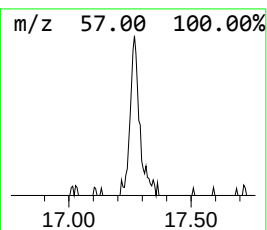
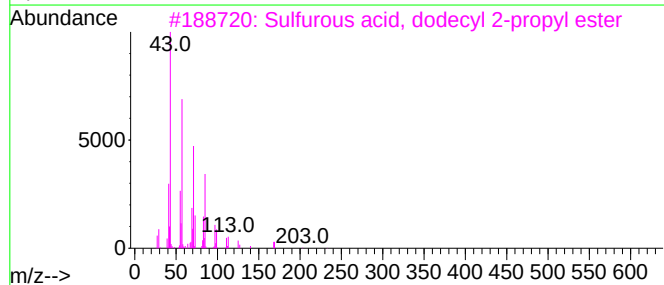
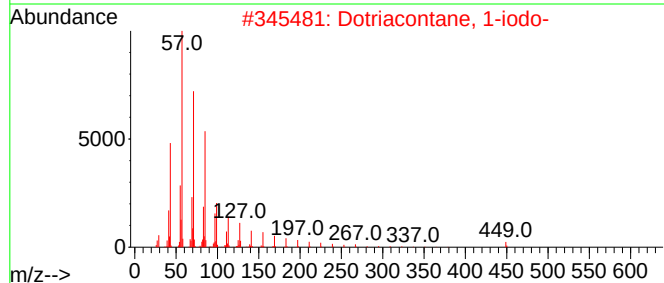
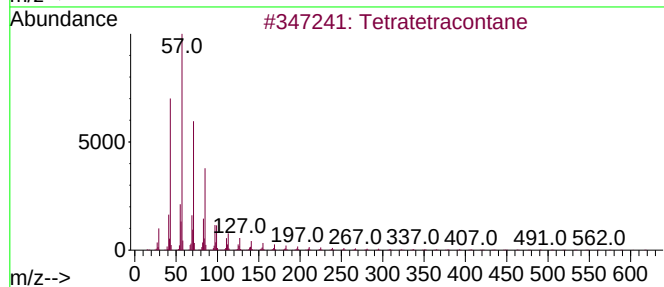
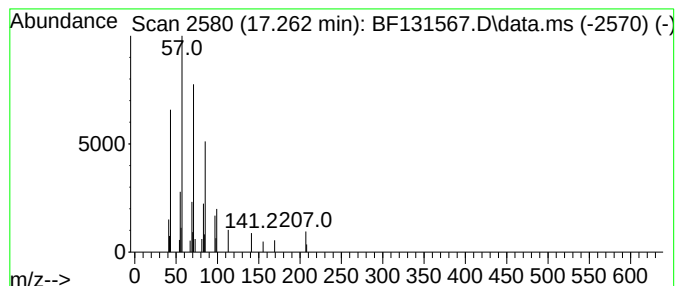
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Tetratetracontane Concentration Rank 4

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 17.262 | 3.03 ng | 42060 | Perylene-d12     | 15.615 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Tetratetracontane                   | 619 | C44H90    | 007098-22-8  | 86   |
| 2    |    |   | Dotriacontane, 1-iodo-              | 576 | C32H65I   | 1000406-32-4 | 86   |
| 3    |    |   | Sulfurous acid, dodecyl 2-propyl... | 292 | C15H32O3S | 1000309-12-3 | 72   |
| 4    |    |   | Octadecane, 1-chloro-               | 288 | C18H37Cl  | 003386-33-2  | 72   |
| 5    |    |   | Pentatriacontane                    | 493 | C35H72    | 000630-07-9  | 72   |



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Acq On : 09 Dec 2022 15:24  
Operator : CG\JU  
Sample : PB149504BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB149504BL

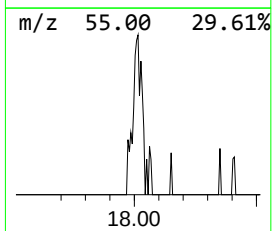
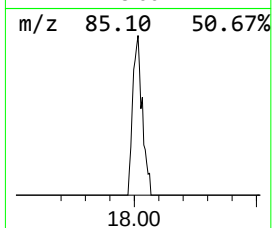
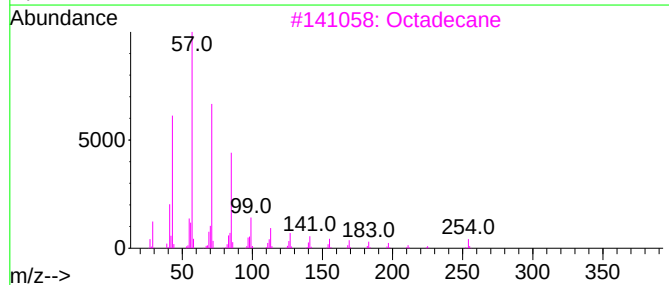
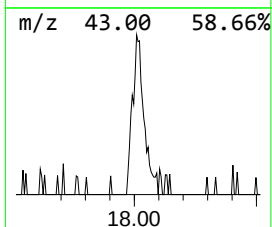
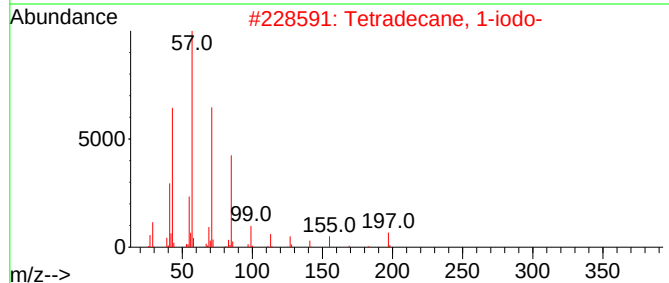
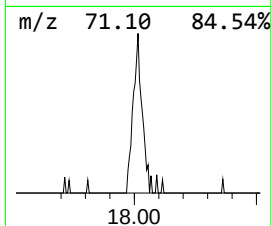
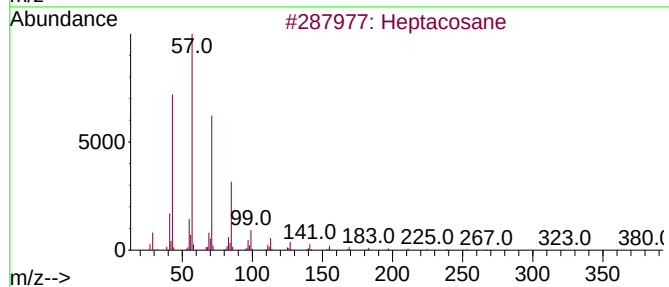
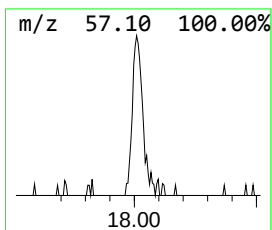
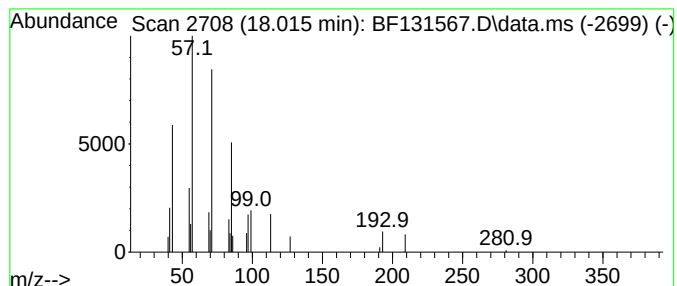
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Heptacosane Concentration Rank 6

| R.T.      | EstConc              | Area  | Relative to ISTD | R.T.        |      |
|-----------|----------------------|-------|------------------|-------------|------|
| 18.015    | 2.33 ng              | 32306 | Perylene-d12     | 15.615      |      |
| Hit# of 5 | Tentative ID         | MW    | MolForm          | CAS#        | Qual |
| 1         | Heptacosane          | 380   | C27H56           | 000593-49-7 | 78   |
| 2         | Tetradecane, 1-iodo- | 324   | C14H29I          | 019218-94-1 | 72   |
| 3         | Octadecane           | 254   | C18H38           | 000593-45-3 | 72   |
| 4         | Hexacosane           | 366   | C26H54           | 000630-01-3 | 72   |
| 5         | Heptadecane          | 240   | C17H36           | 000629-78-7 | 72   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120922\  
Data File : BF131567.D  
Acq On : 09 Dec 2022 15:24  
Operator : CG\JU  
Sample : PB149504BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB149504BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF120822.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 |
| Butane, 2-metho... | 2.204  | 3.0     | ng    | 54075    | 1                     | 6.910  | 356372 | 20.0 |
| 2-Pentanone, 4-... | 5.128  | 20.3    | ng    | 360902   | 1                     | 6.910  | 356372 | 20.0 |
| Heneicosane        | 16.104 | 2.8     | ng    | 38200    | 6                     | 15.615 | 277372 | 20.0 |
| Tridecane, 3-me... | 16.639 | 3.3     | ng    | 45372    | 6                     | 15.615 | 277372 | 20.0 |
| Tetratetracontane  | 17.262 | 3.0     | ng    | 42060    | 6                     | 15.615 | 277372 | 20.0 |
| Heptacosane        | 18.015 | 2.3     | ng    | 32306    | 6                     | 15.615 | 277372 | 20.0 |