

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF092524\  
 Data File : BF139541.D  
 Acq On : 25 Sep 2024 21:12  
 Operator : RC/JU  
 Sample : P4167-01 10X  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PL-03-09242024

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-BF091324.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139541.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         | 2.128       | 3             | 6           | 13           | rVB      | 125403         | 172878        | 29.62%          | 3.901%        |
| 2         | 5.075       | 499           | 507         | 512          | rBV      | 9456           | 12658         | 2.17%           | 0.286%        |
| 3         | 5.487       | 572           | 577         | 586          | rBV      | 139825         | 179559        | 30.77%          | 4.052%        |
| 4         | 6.504       | 745           | 750         | 769          | rVB      | 126999         | 179088        | 30.69%          | 4.041%        |
| 5         | 6.875       | 808           | 813         | 818          | rBV      | 404466         | 487761        | 83.58%          | 11.006%       |
| 6         | 7.433       | 903           | 908         | 918          | rBV      | 93458          | 115605        | 19.81%          | 2.609%        |
| 7         | 8.157       | 1026          | 1031        | 1036         | rBV      | 480051         | 583613        | 100.00%         | 13.169%       |
| 8         | 9.227       | 1208          | 1213        | 1223         | rBV      | 159561         | 199593        | 34.20%          | 4.504%        |
| 9         | 9.910       | 1324          | 1329        | 1339         | rBV      | 468053         | 574166        | 98.38%          | 12.956%       |
| 10        | 10.622      | 1445          | 1450        | 1456         | rBV      | 7661           | 10937         | 1.87%           | 0.247%        |
| 11        | 10.698      | 1459          | 1463        | 1468         | rBV      | 66102          | 83144         | 14.25%          | 1.876%        |
| 12        | 10.821      | 1478          | 1484        | 1489         | rBV5     | 4930           | 8279          | 1.42%           | 0.187%        |
| 13        | 11.398      | 1577          | 1582        | 1589         | rBV      | 430803         | 558799        | 95.75%          | 12.609%       |
| 14        | 11.786      | 1645          | 1648        | 1652         | rVB4     | 4302           | 6298          | 1.08%           | 0.142%        |
| 15        | 11.921      | 1666          | 1671        | 1677         | rBV5     | 16617          | 32987         | 5.65%           | 0.744%        |
| 16        | 12.010      | 1683          | 1686        | 1693         | rVB3     | 4828           | 8208          | 1.41%           | 0.185%        |
| 17        | 12.492      | 1762          | 1768        | 1773         | rBV2     | 40568          | 57530         | 9.86%           | 1.298%        |
| 18        | 12.574      | 1779          | 1782        | 1784         | rBV4     | 6981           | 8105          | 1.39%           | 0.183%        |
| 19        | 12.610      | 1784          | 1788        | 1792         | rVV      | 42925          | 54107         | 9.27%           | 1.221%        |
| 20        | 12.704      | 1800          | 1804        | 1809         | rBV6     | 7228           | 15752         | 2.70%           | 0.355%        |
| 21        | 12.839      | 1821          | 1827        | 1832         | rBV      | 40700          | 61801         | 10.59%          | 1.394%        |
| 22        | 12.980      | 1846          | 1851        | 1859         | rVB      | 134879         | 183030        | 31.36%          | 4.130%        |
| 23        | 13.057      | 1860          | 1864        | 1867         | rBV5     | 6135           | 10876         | 1.86%           | 0.245%        |
| 24        | 13.221      | 1887          | 1892        | 1896         | rBV7     | 6724           | 15893         | 2.72%           | 0.359%        |
| 25        | 14.033      | 2025          | 2030        | 2043         | rBV      | 319391         | 460985        | 78.99%          | 10.402%       |
| 26        | 15.151      | 2217          | 2220        | 2224         | rVB      | 35254          | 44714         | 7.66%           | 1.009%        |
| 27        | 15.509      | 2276          | 2281        | 2290         | rVB      | 183974         | 305457        | 52.34%          | 6.892%        |

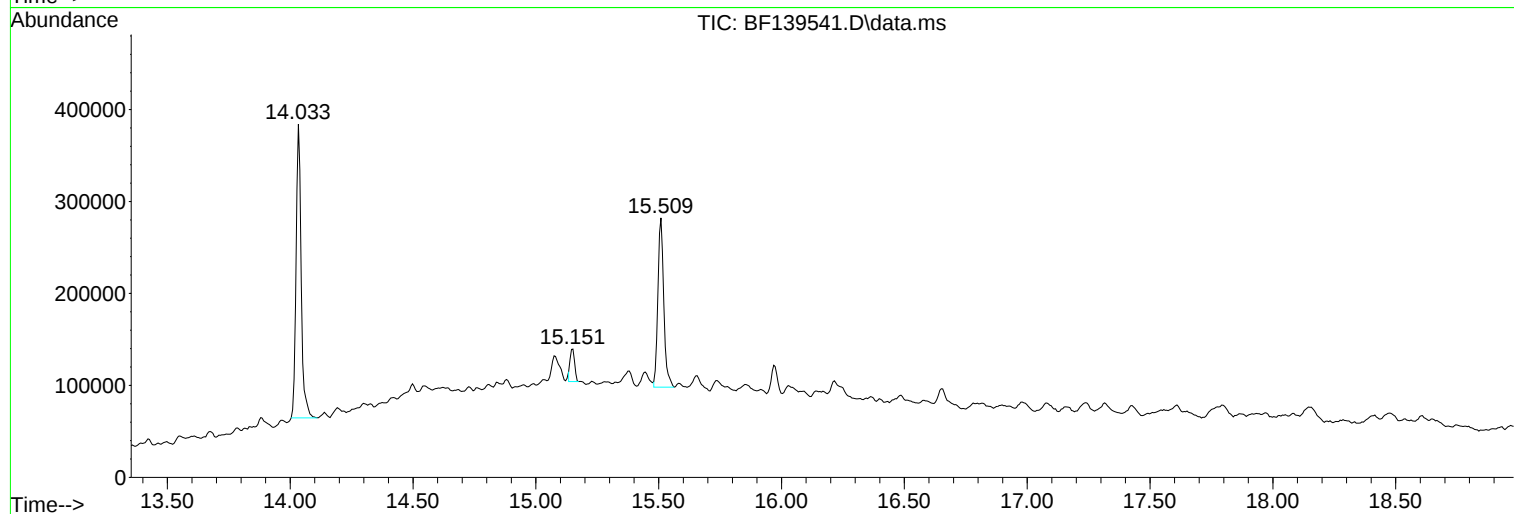
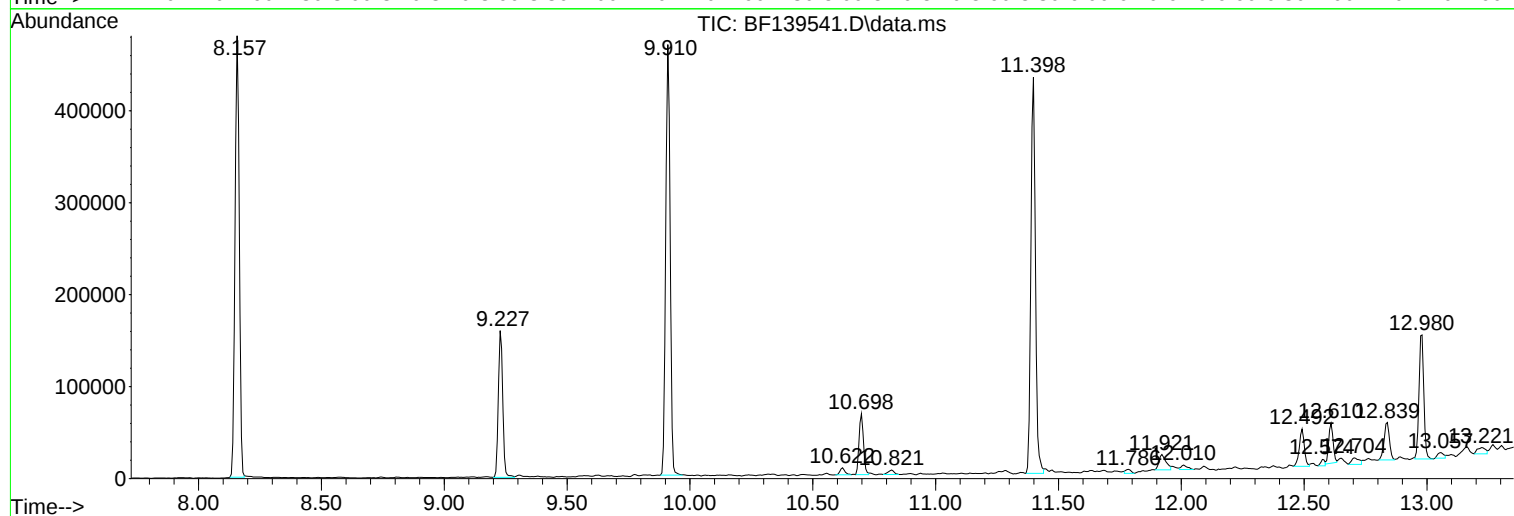
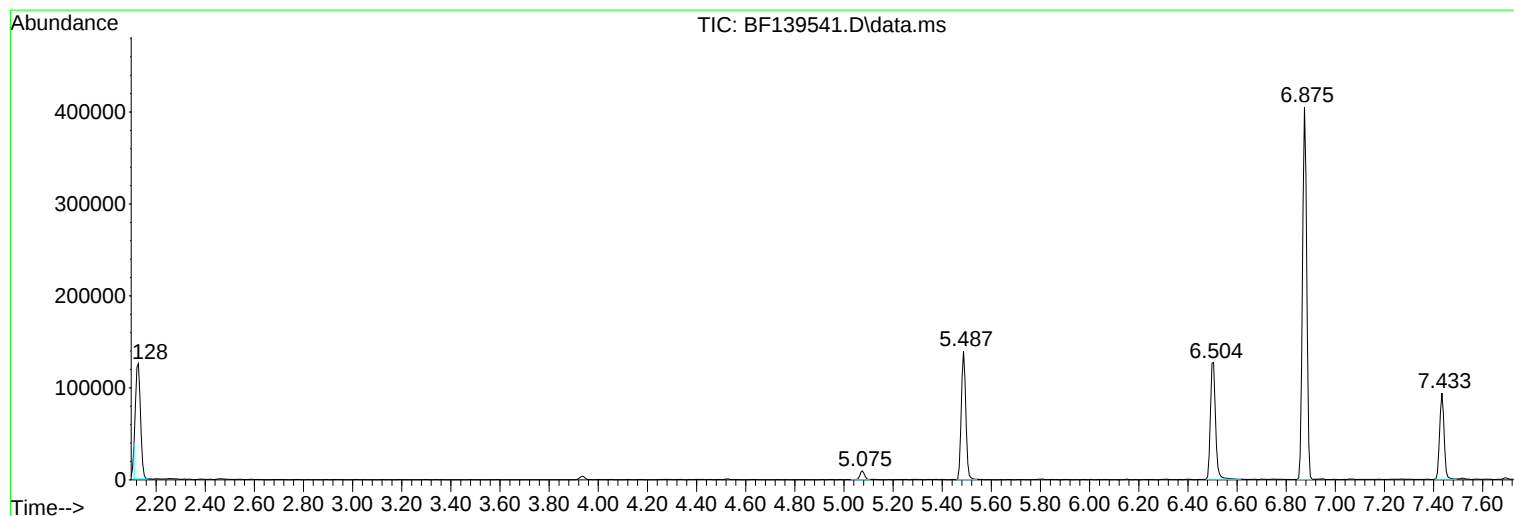
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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PL-03-09242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.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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PL-03-09242024

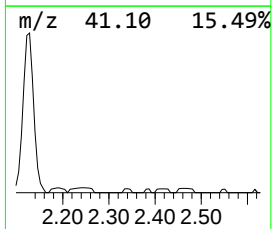
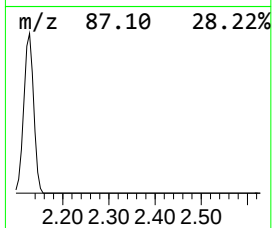
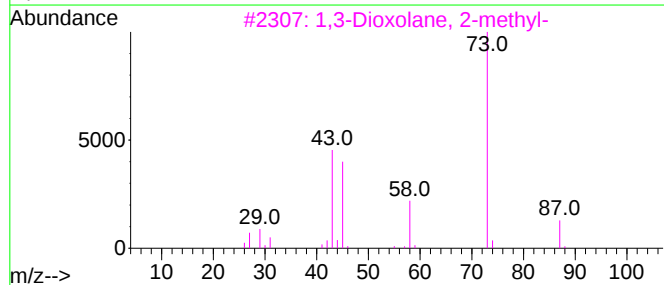
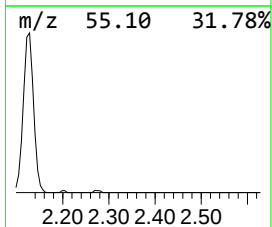
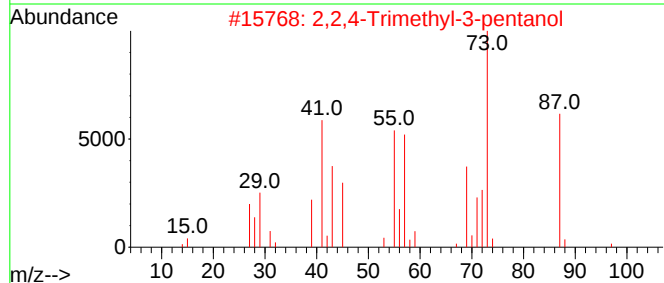
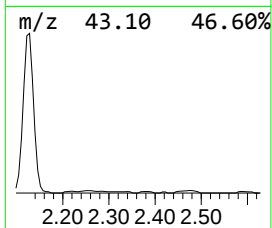
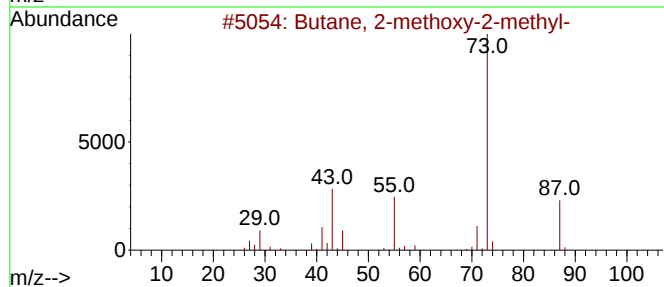
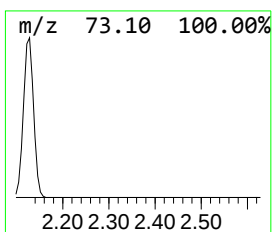
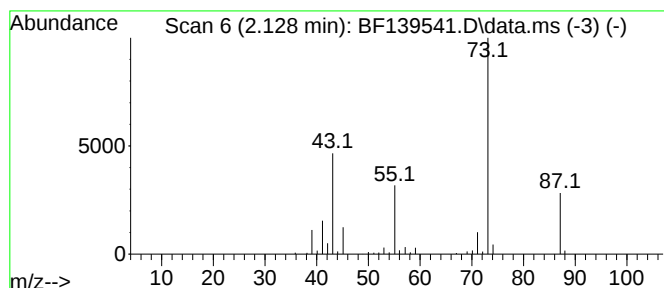
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 2.128 | 7.09 ng | 172878 | 1,4-Dichlorobenzene-d4 | 6.875 |

| 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    |    |   | 1,3-Dioxolane, 2-methyl-            | 88  | C4H8O2   | 000497-26-7 | 25   |
| 4    |    |   | Silane, tetramethyl-                | 88  | C4H12Si  | 000075-76-3 | 12   |
| 5    |    |   | Boronic acid, ethyl-, dimethyl e... | 102 | C4H11BO2 | 007318-82-3 | 12   |



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ALS Vial : 14 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
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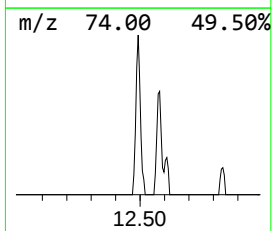
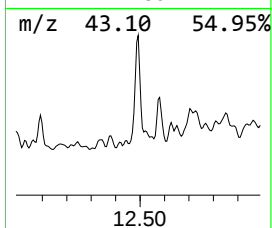
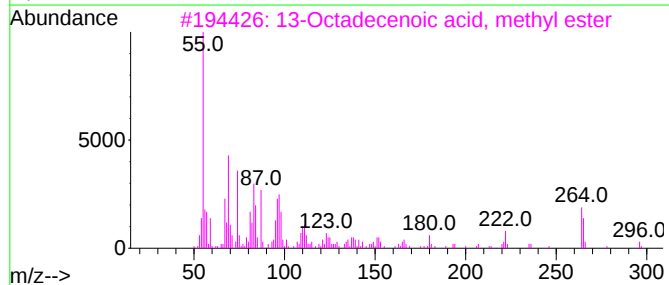
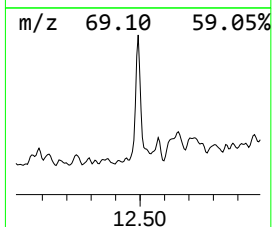
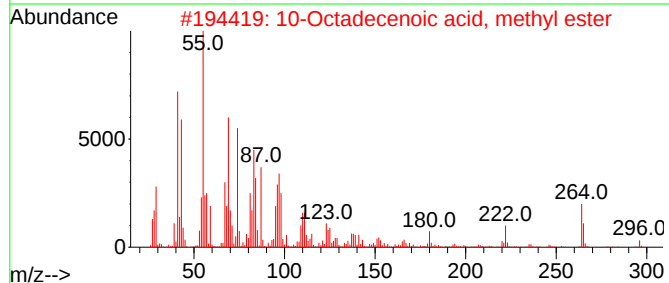
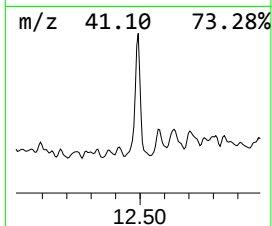
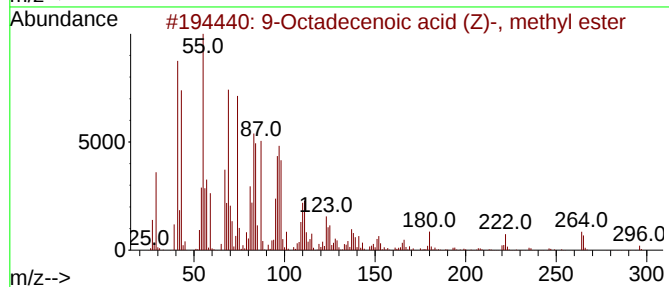
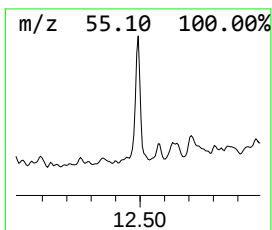
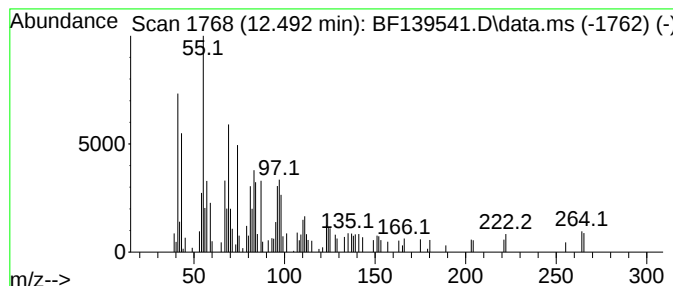
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 9-Octadecenoic acid (Z)-, m... Concentration Rank 4

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 12.492 | 2.06 ng | 57530 | Phenanthrene-d10 | 11.398 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 9-Octadecenoic acid (Z)-, methyl... | 296 | C19H36O2 | 000112-62-9 | 95   |
| 2    |    |   | 10-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 013481-95-3 | 91   |
| 3    |    |   | 13-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 056554-47-3 | 90   |
| 4    |    |   | 14-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 056554-48-4 | 90   |
| 5    |    |   | 9-Hexadecenoic acid, methyl este... | 268 | C17H32O2 | 001120-25-8 | 87   |



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Sample : P4167-01 10X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PL-03-09242024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF091324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

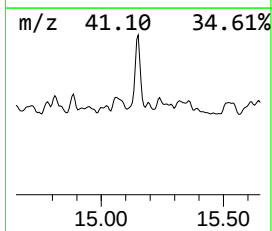
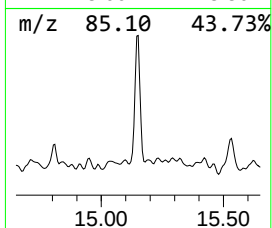
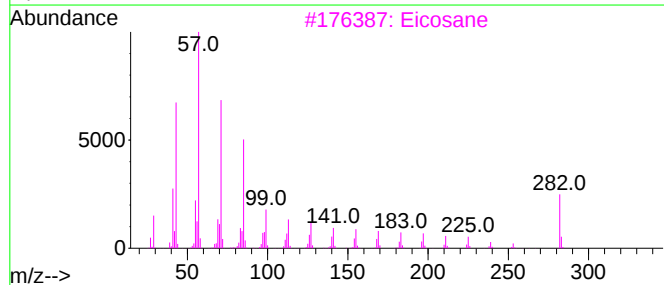
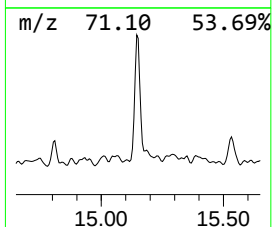
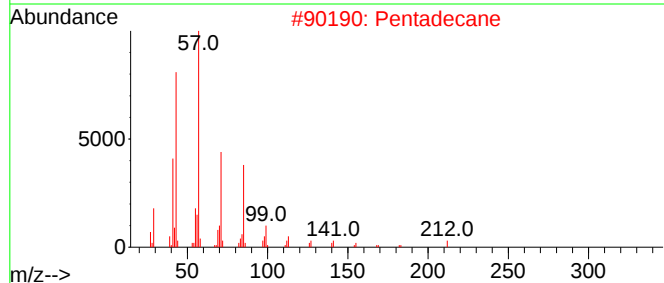
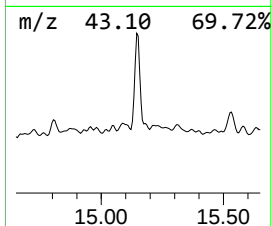
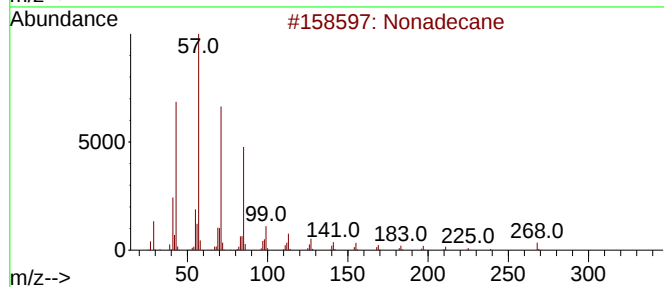
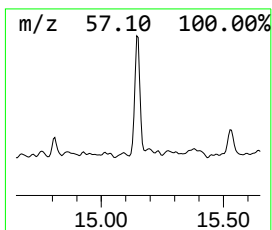
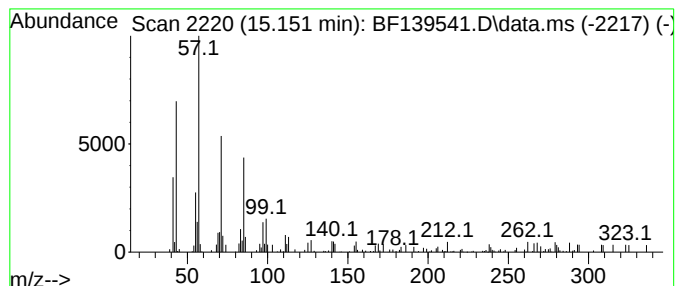
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Nonadecane Concentration Rank 2

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 15.151 | 2.93 ng | 44714 | Perylene-d12     | 15.509 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Nonadecane            | 268 | C19H40  | 000629-92-5 | 96   |
| 2    |    |   | Pentadecane           | 212 | C15H32  | 000629-62-9 | 86   |
| 3    |    |   | Eicosane              | 282 | C20H42  | 000112-95-8 | 64   |
| 4    |    |   | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 64   |
| 5    |    |   | Heptacosane           | 380 | C27H56  | 000593-49-7 | 64   |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Butane, 2-metho... | 2.128  | 7.1     | ng    | 172878   | 1                     | 6.875  | 487761 | 20.0 |
| 9-Octadecenoic ... | 12.492 | 2.1     | ng    | 57530    | 4                     | 11.398 | 558799 | 20.0 |
| Nonadecane         | 15.151 | 2.9     | ng    | 44714    | 6                     | 15.509 | 305457 | 20.0 |