

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
 Data File : BF123835.D  
 Acq On : 5 May 2021 19:11  
 Operator : JU/CG  
 Sample : M2279-06  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EME-17

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-BF042721.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123835.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         | 4.998       | 493           | 495         | 503          | rVB      | 65604          | 86149         | 1.32%           | 0.186%        |
| 2         | 5.416       | 562           | 566         | 569          | rBV      | 6890758        | 6172903       | 94.55%          | 13.347%       |
| 3         | 6.434       | 734           | 739         | 742          | rBV      | 6319223        | 6529001       | 100.00%         | 14.117%       |
| 4         | 6.628       | 768           | 772         | 775          | rBV3     | 67907          | 82989         | 1.27%           | 0.179%        |
| 5         | 6.792       | 796           | 800         | 803          | rBV      | 1947858        | 1490424       | 22.83%          | 3.223%        |
| 6         | 7.357       | 891           | 896         | 899          | rBV      | 4776203        | 4218652       | 64.61%          | 9.122%        |
| 7         | 8.075       | 1013          | 1018        | 1021         | rBV      | 2277073        | 2019053       | 30.92%          | 4.366%        |
| 8         | 8.675       | 1117          | 1120        | 1122         | rBV      | 96796          | 76885         | 1.18%           | 0.166%        |
| 9         | 8.792       | 1138          | 1140        | 1143         | rVB      | 113390         | 82606         | 1.27%           | 0.179%        |
| 10        | 8.886       | 1153          | 1156        | 1161         | rVB      | 86609          | 89321         | 1.37%           | 0.193%        |
| 11        | 9.157       | 1198          | 1202        | 1205         | rBV      | 7574481        | 6036921       | 92.46%          | 13.053%       |
| 12        | 9.239       | 1212          | 1216        | 1220         | rBV2     | 139770         | 147192        | 2.25%           | 0.318%        |
| 13        | 9.492       | 1256          | 1259        | 1261         | rBV2     | 89855          | 77493         | 1.19%           | 0.168%        |
| 14        | 9.551       | 1266          | 1269        | 1273         | rBV      | 386401         | 372400        | 5.70%           | 0.805%        |
| 15        | 9.769       | 1304          | 1306        | 1311         | rVB      | 106256         | 78539         | 1.20%           | 0.170%        |
| 16        | 9.833       | 1311          | 1317        | 1320         | rBV      | 2570231        | 2019870       | 30.94%          | 4.367%        |
| 17        | 10.380      | 1407          | 1410        | 1415         | rBV      | 85184          | 85420         | 1.31%           | 0.185%        |
| 18        | 10.622      | 1447          | 1451        | 1455         | rBV      | 4079993        | 3672398       | 56.25%          | 7.940%        |
| 19        | 10.745      | 1468          | 1472        | 1480         | rVB2     | 130466         | 177802        | 2.72%           | 0.384%        |
| 20        | 11.192      | 1542          | 1548        | 1550         | rBV2     | 87001          | 101597        | 1.56%           | 0.220%        |
| 21        | 11.322      | 1566          | 1570        | 1572         | rBV      | 2101516        | 1667345       | 25.54%          | 3.605%        |
| 22        | 11.345      | 1572          | 1574        | 1577         | rVV      | 332256         | 242810        | 3.72%           | 0.525%        |
| 23        | 11.392      | 1577          | 1582        | 1586         | rVB3     | 93390          | 139861        | 2.14%           | 0.302%        |
| 24        | 11.822      | 1652          | 1655        | 1658         | rBV      | 83849          | 80983         | 1.24%           | 0.175%        |
| 25        | 11.857      | 1658          | 1661        | 1665         | rBV2     | 252876         | 257857        | 3.95%           | 0.558%        |
| 26        | 11.933      | 1671          | 1674        | 1676         | rBV2     | 112333         | 108319        | 1.66%           | 0.234%        |
| 27        | 12.374      | 1746          | 1749        | 1751         | rBV      | 79394          | 79232         | 1.21%           | 0.171%        |
| 28        | 12.404      | 1751          | 1754        | 1761         | rVB5     | 123192         | 223380        | 3.42%           | 0.483%        |
| 29        | 12.533      | 1773          | 1776        | 1779         | rBV      | 363537         | 302282        | 4.63%           | 0.654%        |
| 30        | 12.763      | 1810          | 1815        | 1818         | rBV      | 428925         | 391106        | 5.99%           | 0.846%        |
| 31        | 12.910      | 1836          | 1840        | 1844         | rBV      | 4289988        | 3892423       | 59.62%          | 8.416%        |
| 32        | 13.092      | 1869          | 1871        | 1874         | rVB2     | 96918          | 75005         | 1.15%           | 0.162%        |
| 33        | 13.145      | 1877          | 1880        | 1886         | rVV2     | 130241         | 167069        | 2.56%           | 0.361%        |
| 34        | 13.321      | 1907          | 1910        | 1914         | rBV2     | 67626          | 73648         | 1.13%           | 0.159%        |
| 35        | 13.492      | 1936          | 1939        | 1941         | rBV      | 121016         | 103139        | 1.58%           | 0.223%        |
| 36        | 13.821      | 1991          | 1995        | 2006         | rBV2     | 489488         | 918772        | 14.07%          | 1.987%        |

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Instrument :  
BNA\_F  
ClientSampleId :  
EME-17

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-BF042721.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 13.963 | 2015 | 2019 | 2022 | rBV  | 1358977 | 1414058 | 21.66% | 3.057% |
| 38 | 13.992 | 2022 | 2024 | 2027 | rVB  | 151417  | 116105  | 1.78%  | 0.251% |
| 39 | 14.139 | 2046 | 2049 | 2051 | rVB  | 183524  | 173757  | 2.66%  | 0.376% |
| 40 | 14.445 | 2098 | 2101 | 2103 | rBV  | 250231  | 219818  | 3.37%  | 0.475% |
| 41 | 14.745 | 2149 | 2152 | 2155 | rBV  | 206261  | 205926  | 3.15%  | 0.445% |
| 42 | 14.821 | 2163 | 2165 | 2169 | rVB  | 124225  | 97135   | 1.49%  | 0.210% |
| 43 | 14.998 | 2192 | 2195 | 2199 | rBV2 | 124565  | 193332  | 2.96%  | 0.418% |
| 44 | 15.080 | 2206 | 2209 | 2212 | rBV  | 214406  | 224105  | 3.43%  | 0.485% |
| 45 | 15.357 | 2254 | 2256 | 2259 | rVB  | 98908   | 93096   | 1.43%  | 0.201% |
| 46 | 15.421 | 2263 | 2267 | 2270 | rBV  | 807149  | 962721  | 14.75% | 2.082% |
| 47 | 15.886 | 2343 | 2346 | 2351 | rVB2 | 164183  | 208108  | 3.19%  | 0.450% |

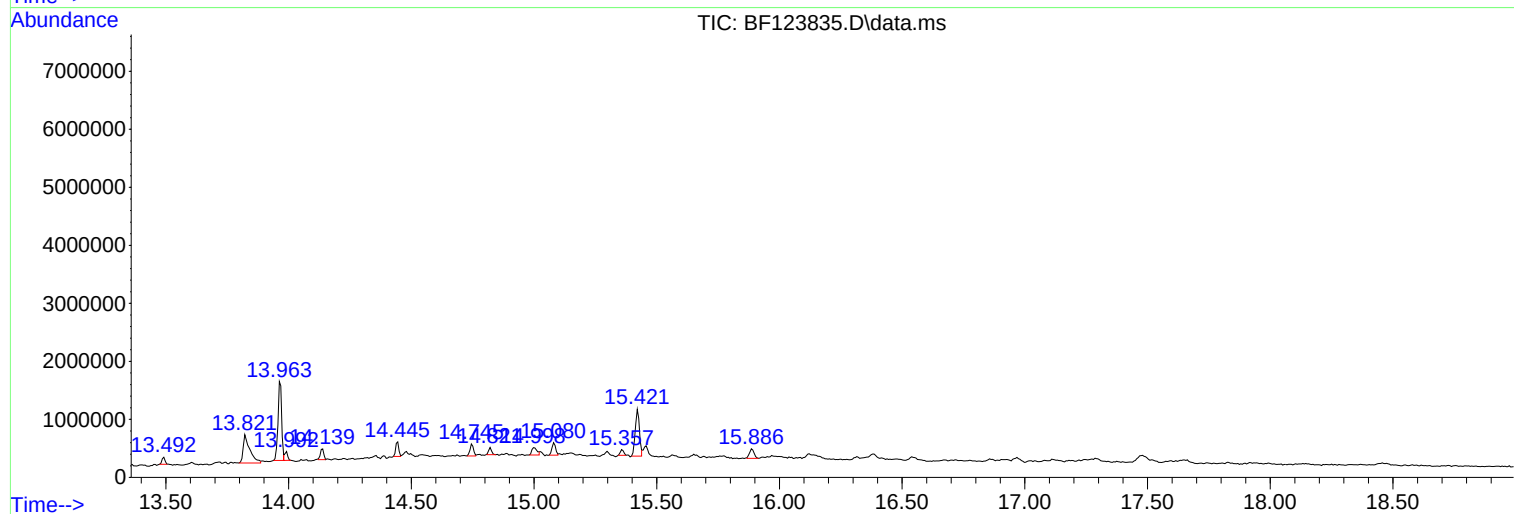
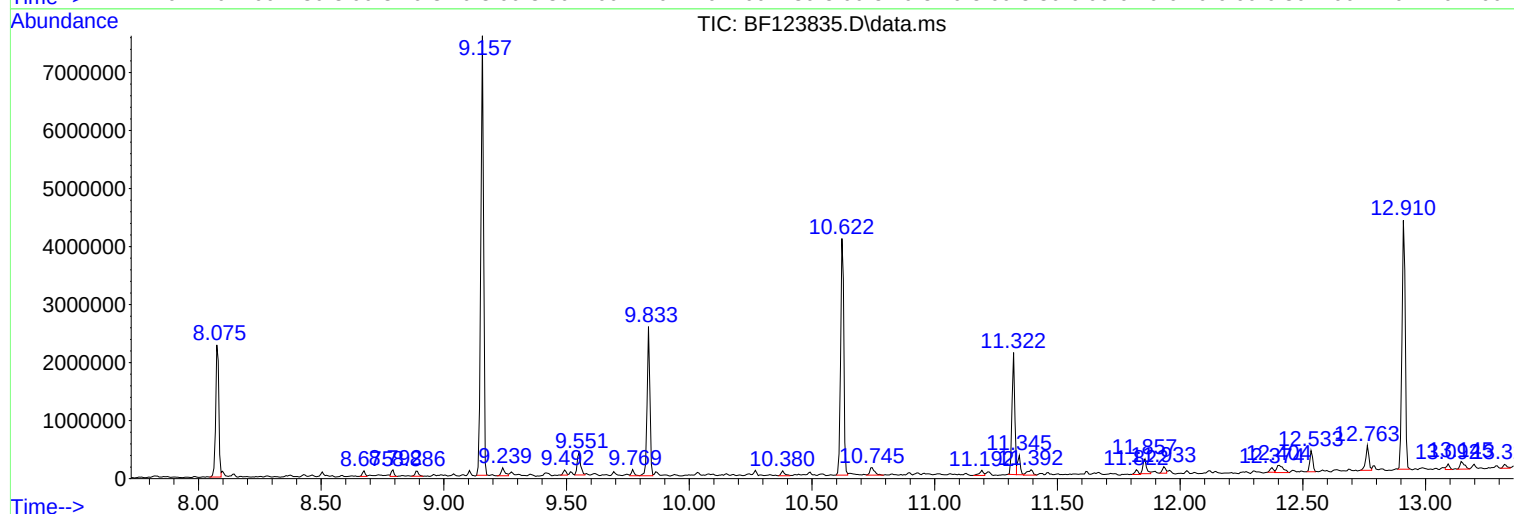
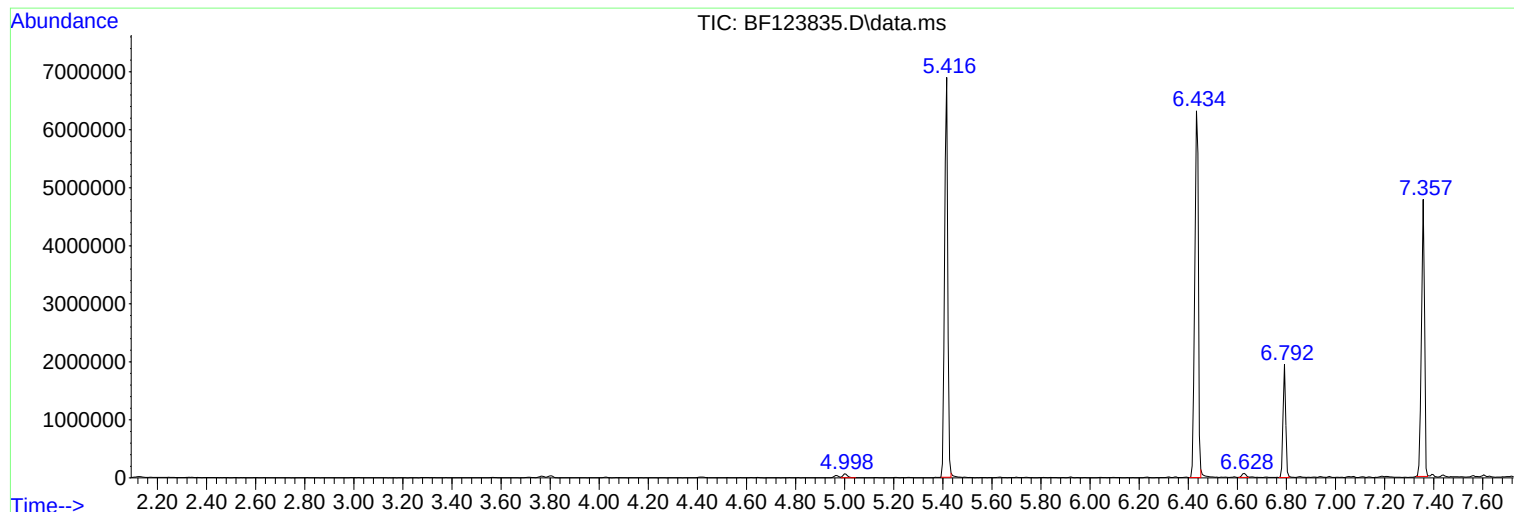
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ClientSampleId :  
EME-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.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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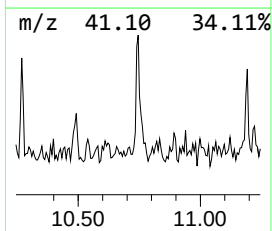
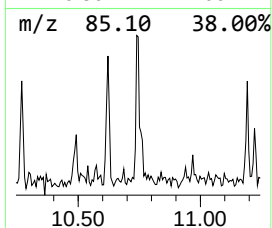
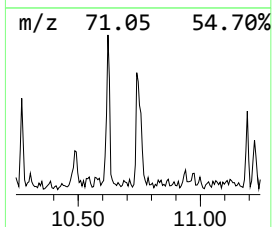
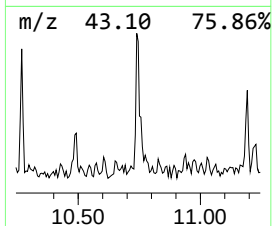
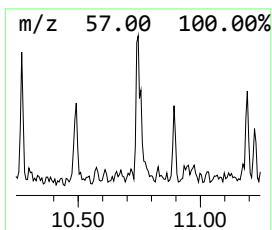
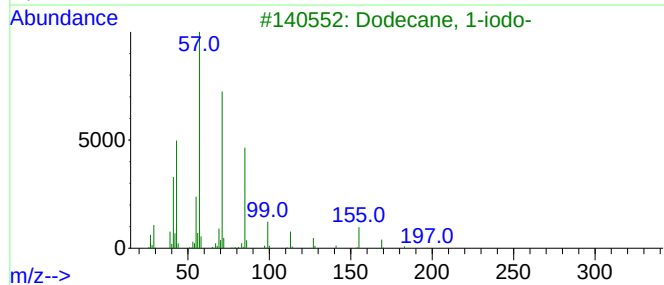
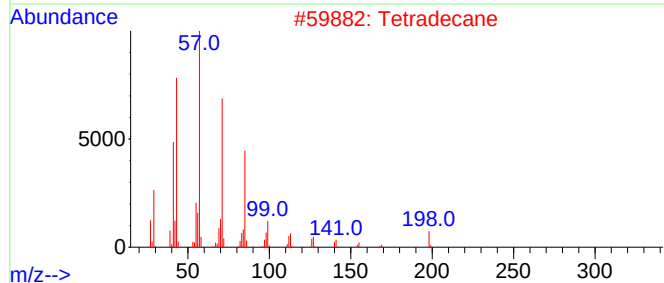
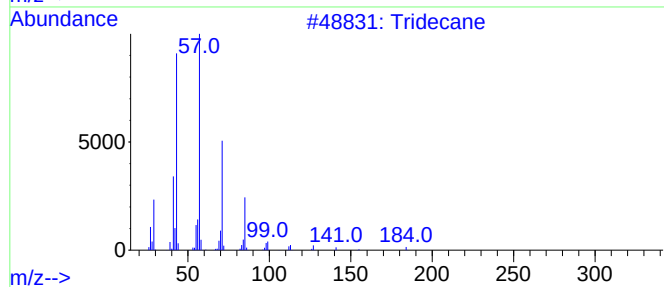
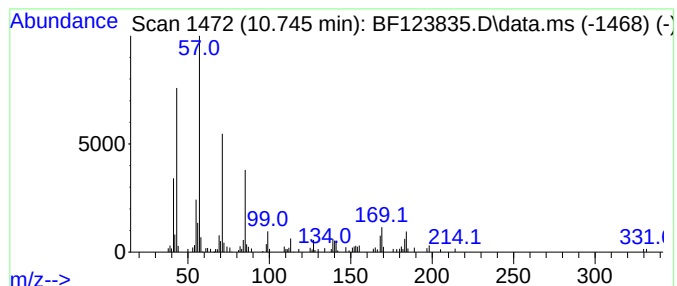
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 1 Tridecane Concentration Rank 10

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.745 | 2.13 ng | 177802 | Phenanthrene-d10 | 11.322 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane           | 184 | C13H28  | 000629-50-5 | 81   |
| 2    |    |   | Tetradecane         | 198 | C14H30  | 000629-59-4 | 68   |
| 3    |    |   | Dodecane, 1-iodo-   | 296 | C12H25I | 004292-19-7 | 68   |
| 4    |    |   | Docosane, 11-butyl- | 366 | C26H54  | 013475-76-8 | 64   |
| 5    |    |   | Eicosane            | 282 | C20H42  | 000112-95-8 | 64   |



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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
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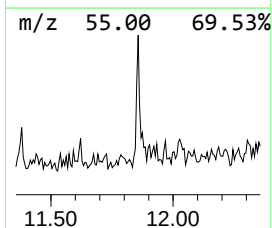
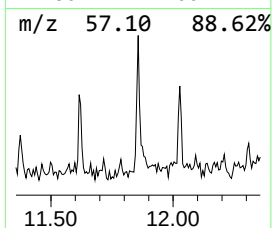
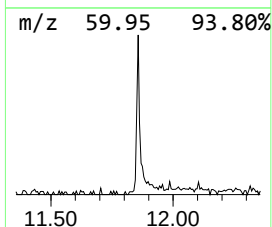
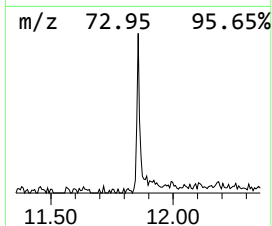
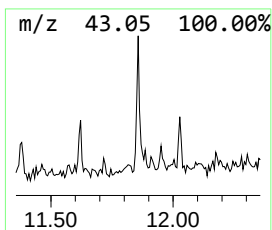
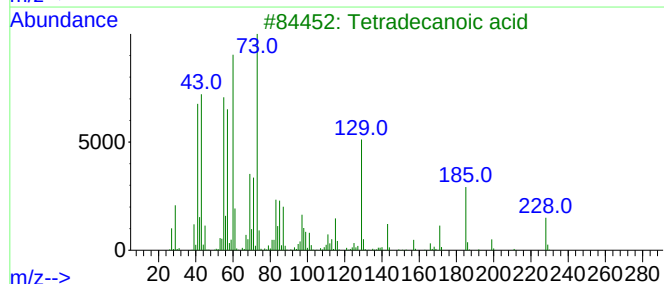
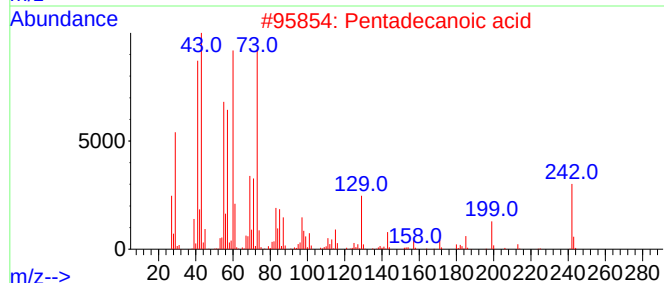
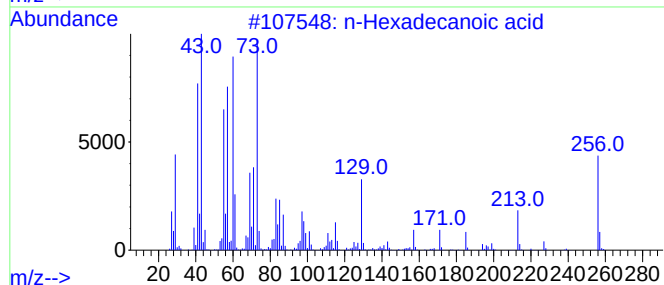
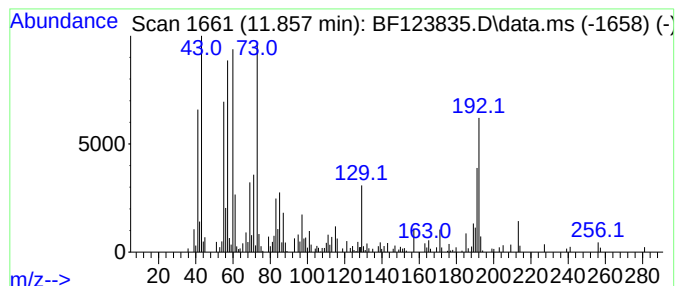
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.857 | 3.09 ng | 257857 | Phenanthrene-d10 | 11.322 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|---------------------|-----|----------|-------------|------|
| 1    |    |   | n-Hexadecanoic acid | 256 | C16H32O2 | 000057-10-3 | 70   |
| 2    |    |   | Pentadecanoic acid  | 242 | C15H30O2 | 001002-84-2 | 53   |
| 3    |    |   | Tetradecanoic acid  | 228 | C14H28O2 | 000544-63-8 | 49   |
| 4    |    |   | Dodecanoic acid     | 200 | C12H24O2 | 000143-07-7 | 49   |
| 5    |    |   | Tridecanoic acid    | 214 | C13H26O2 | 000638-53-9 | 49   |



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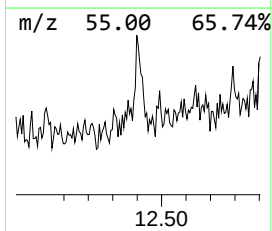
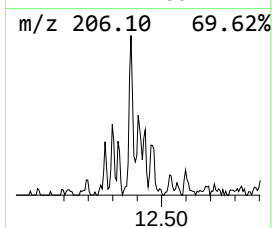
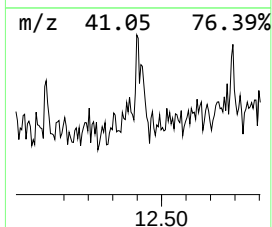
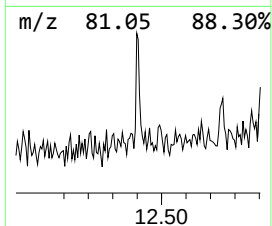
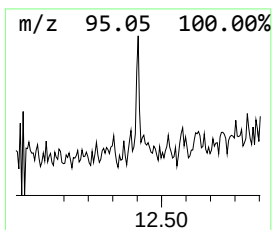
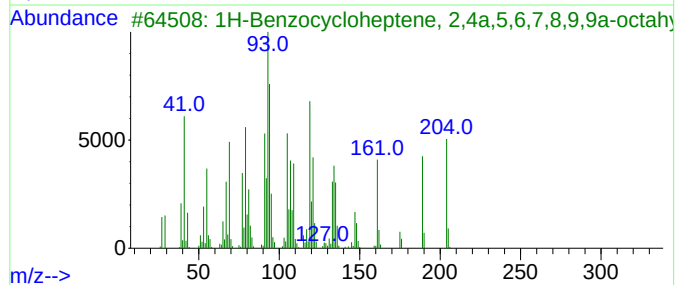
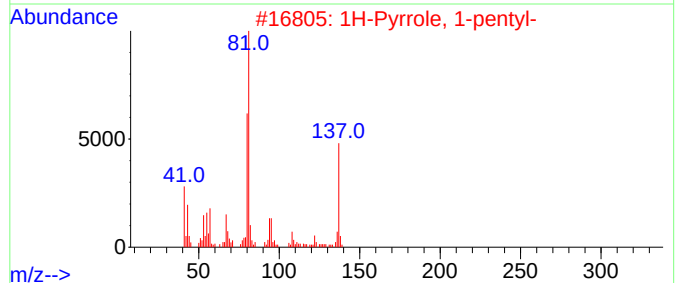
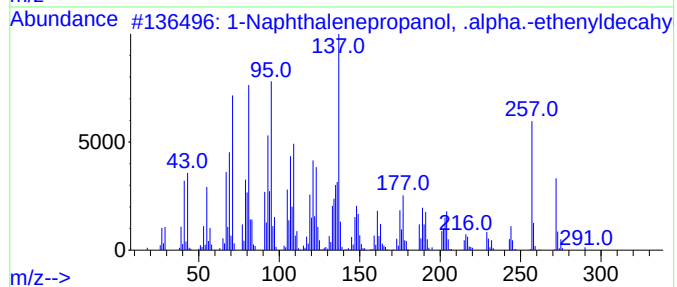
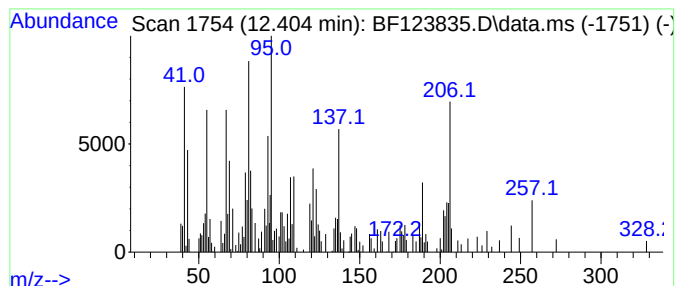
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 unknown12.404 Concentration Rank 7

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 12.404 | 2.68 ng | 223380 | Phenanthrene-d10 | 11.322 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 1-Naphthalenepropanol, .alpha.-e... | 290 | C20H34O    | 000596-85-0  | 38   |
| 2    |    |   | 1H-Pyrrole, 1-pentyl-               | 137 | C9H15N     | 000699-22-9  | 25   |
| 3    |    |   | 1H-Benzocycloheptene, 2,4a,5,6,7... | 204 | C15H24     | 003853-83-6  | 25   |
| 4    |    |   | 2(1H)-Pyridinone, 1-propyl-         | 137 | C8H11NO    | 019006-63-4  | 25   |
| 5    |    |   | 2,3-5,6-Bis(1,5-octanediy1)-2,5-... | 300 | C18H30B2O2 | 1000159-33-1 | 22   |



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Instrument :  
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ClientSampleId :  
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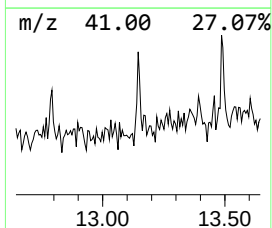
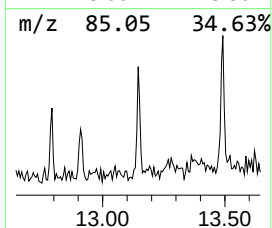
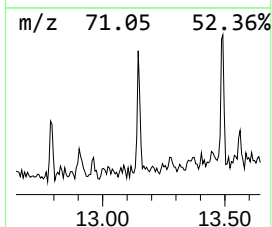
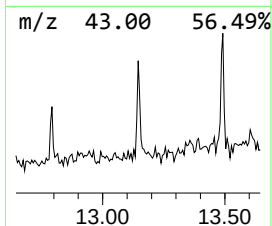
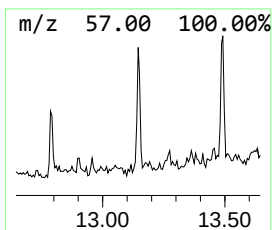
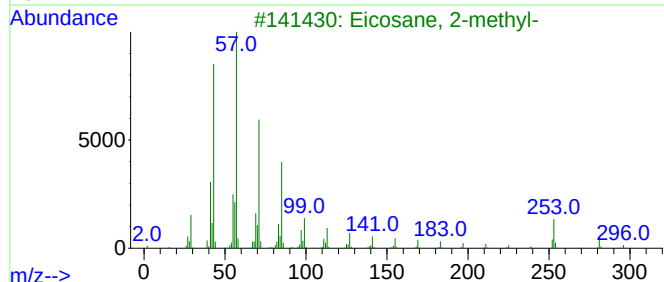
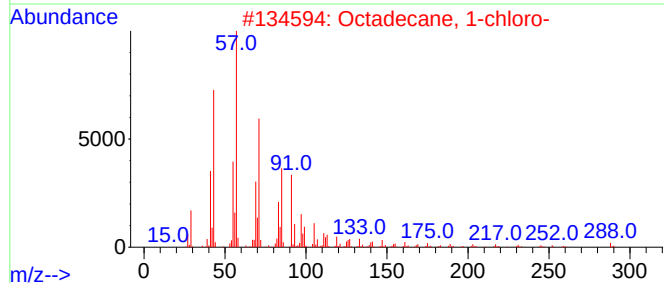
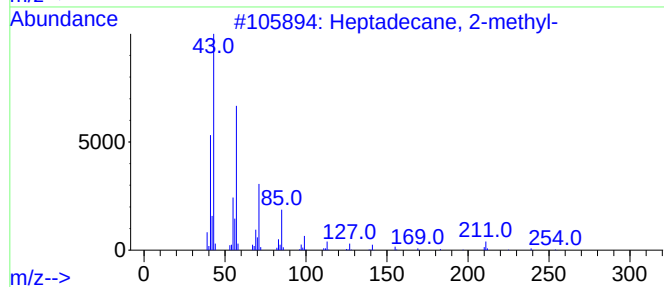
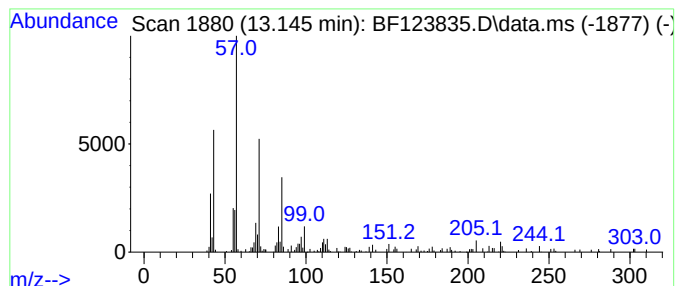
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Heptadecane, 2-methyl- Concentration Rank 9

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.145 | 2.36 ng | 167069 | Chrysene-d12     | 13.968 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Heptadecane, 2-methyl-              | 254 | C18H38    | 001560-89-0  | 94   |
| 2    |    |   | Octadecane, 1-chloro-               | 288 | C18H37Cl  | 003386-33-2  | 86   |
| 3    |    |   | Eicosane, 2-methyl-                 | 296 | C21H44    | 001560-84-5  | 80   |
| 4    |    |   | Dodecane, 2-methyl-                 | 184 | C13H28    | 001560-97-0  | 80   |
| 5    |    |   | Sulfurous acid, butyl dodecyl ester | 306 | C16H34O3S | 1000309-17-9 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123835.D  
Acq On : 5 May 2021 19:11  
Operator : JU/CG  
Sample : M2279-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EME-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

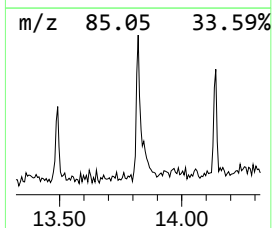
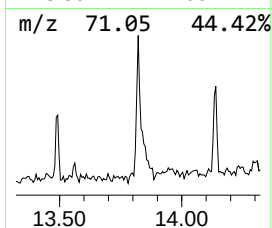
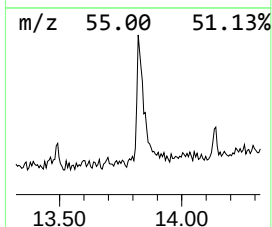
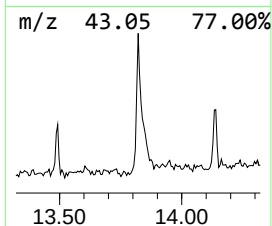
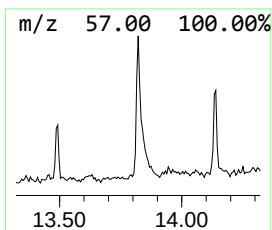
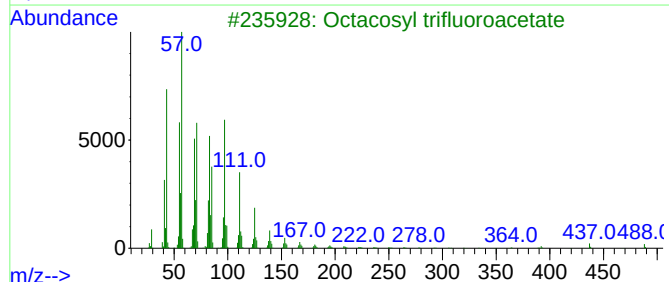
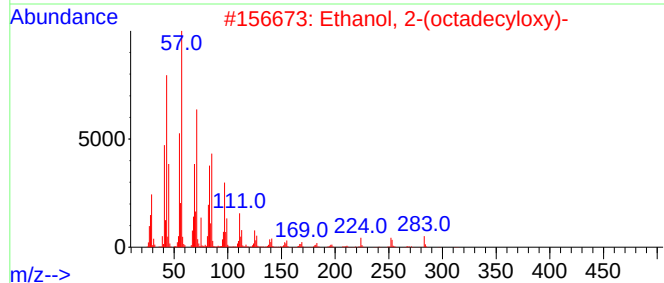
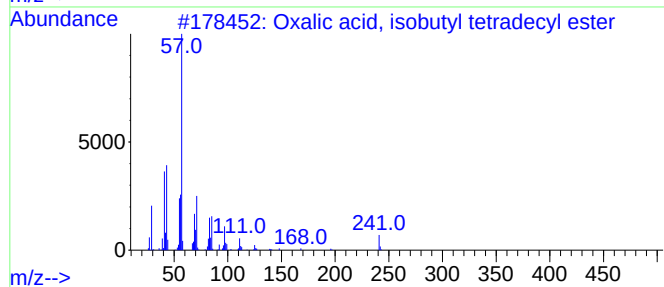
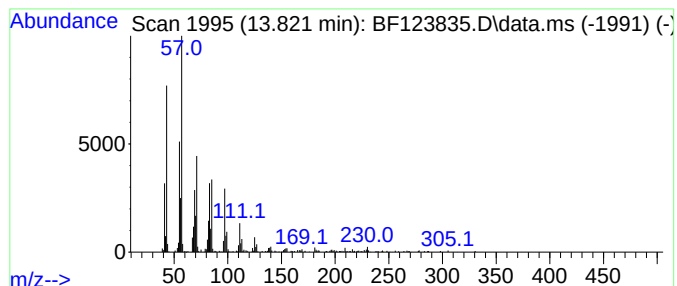
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Oxalic acid, isobutyl tetra... Concentration Rank 1

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 13.821 | 12.99 ng | 918772 | Chrysene-d12     | 13.968 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Oxalic acid, isobutyl tetradecyl... | 342 | C20H38O4   | 1000309-37-9 | 91   |
| 2    |    |   | Ethanol, 2-(octadecyloxy)-          | 314 | C20H42O2   | 002136-72-3  | 90   |
| 3    |    |   | Octacosyl trifluoroacetate          | 506 | C30H57F3O2 | 1000351-74-9 | 90   |
| 4    |    |   | Sulfurous acid, octadecyl 2-prop... | 376 | C21H44O3S  | 1000309-12-7 | 83   |
| 5    |    |   | Oxalic acid, hexadecyl propyl ester | 356 | C21H40O4   | 1000309-26-9 | 83   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123835.D  
Acq On : 5 May 2021 19:11  
Operator : JU/CG  
Sample : M2279-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
EME-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

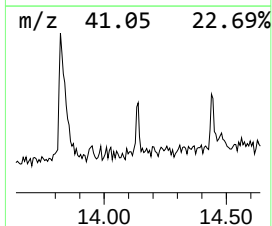
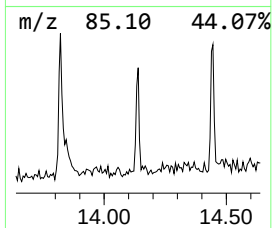
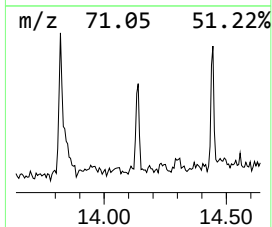
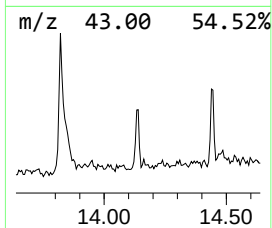
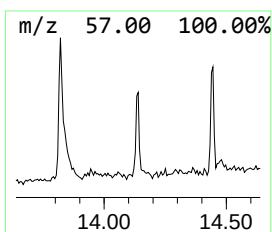
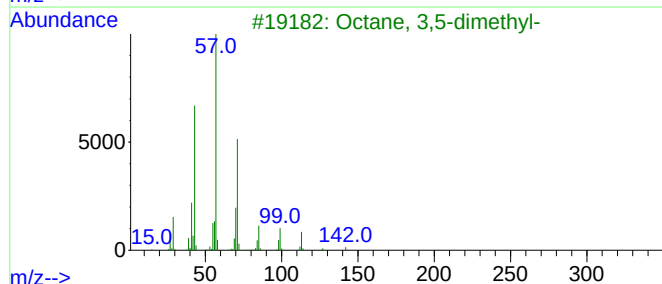
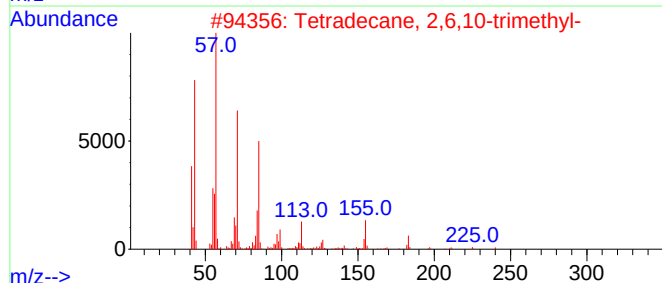
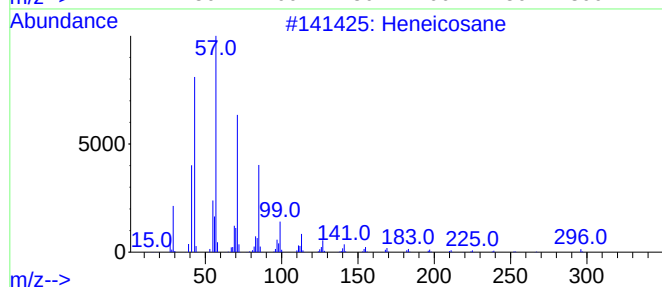
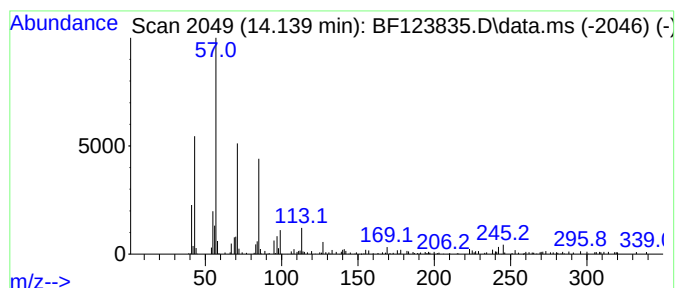
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Heneicosane Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.139 | 2.46 ng | 173757 | Chrysene-d12     | 13.968 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Heneicosane                    | 296 | C21H44  | 000629-94-7 | 83   |
| 2    |    |   | Tetradecane, 2,6,10-trimethyl- | 240 | C17H36  | 014905-56-7 | 80   |
| 3    |    |   | Octane, 3,5-dimethyl-          | 142 | C10H22  | 015869-93-9 | 64   |
| 4    |    |   | Hexadecane, 7-methyl-          | 240 | C17H36  | 026730-20-1 | 64   |
| 5    |    |   | Undecane, 2,7-dimethyl-        | 184 | C13H28  | 017301-24-5 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123835.D  
Acq On : 5 May 2021 19:11  
Operator : JU/CG  
Sample : M2279-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EME-17

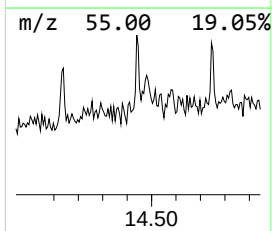
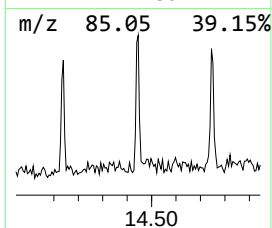
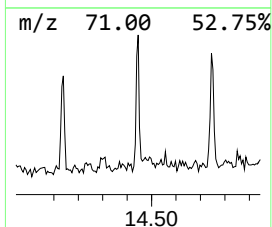
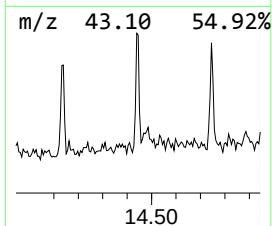
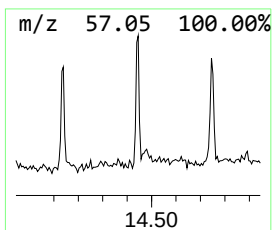
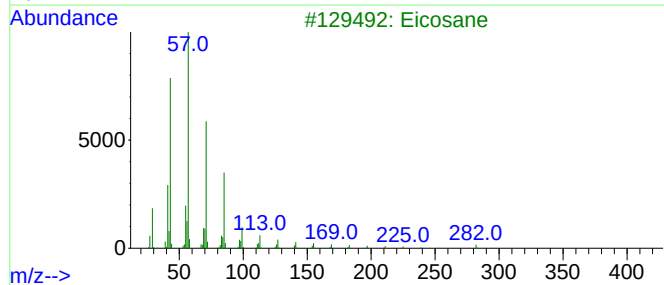
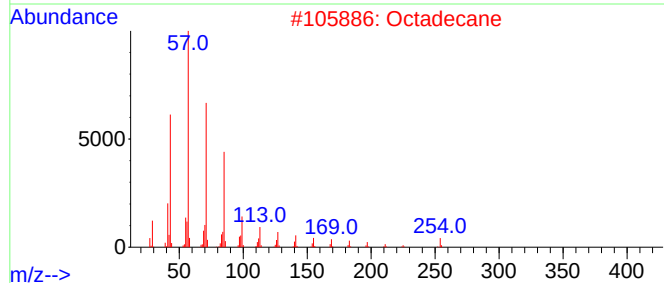
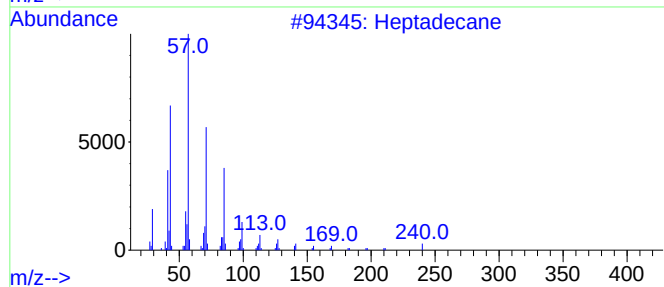
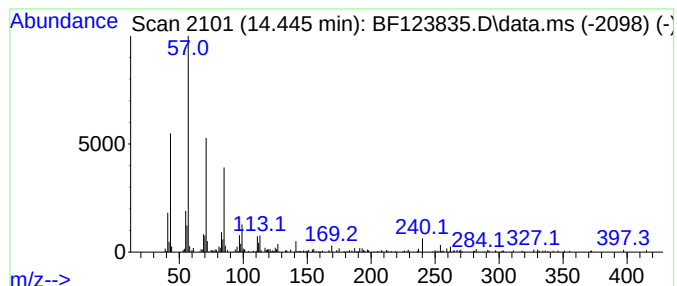
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Heptadecane Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.445 | 3.11 ng | 219818 | Chrysene-d12     | 13.968 |

| Hit# | of                   | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----------------------|---|--------------|-----|---------|-------------|------|
| 1    | Heptadecane          |   |              | 240 | C17H36  | 000629-78-7 | 93   |
| 2    | Octadecane           |   |              | 254 | C18H38  | 000593-45-3 | 91   |
| 3    | Eicosane             |   |              | 282 | C20H42  | 000112-95-8 | 91   |
| 4    | Tetracosane          |   |              | 338 | C24H50  | 000646-31-1 | 83   |
| 5    | Tricosane, 2-methyl- |   |              | 338 | C24H50  | 001928-30-9 | 83   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123835.D  
Acq On : 5 May 2021 19:11  
Operator : JU/CG  
Sample : M2279-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EME-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
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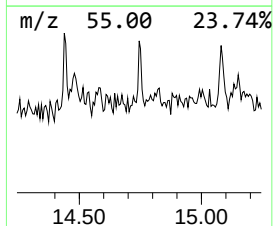
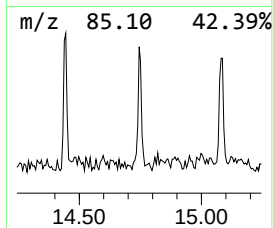
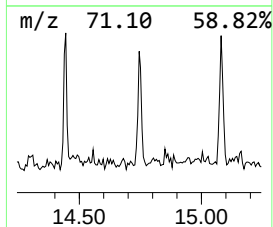
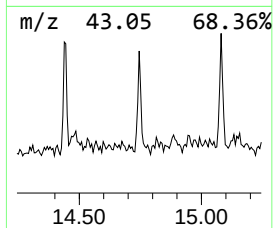
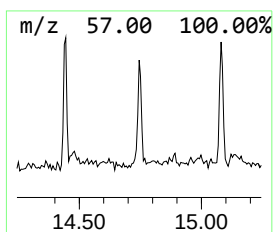
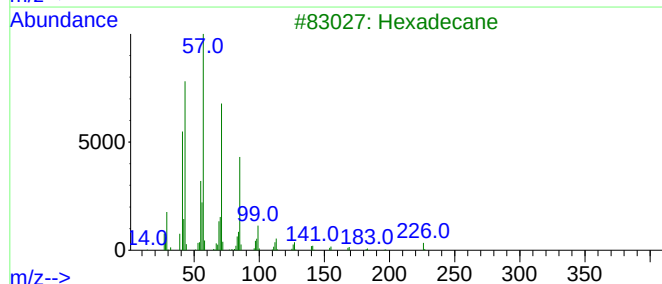
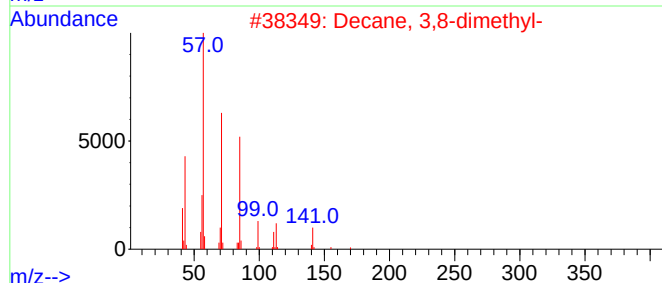
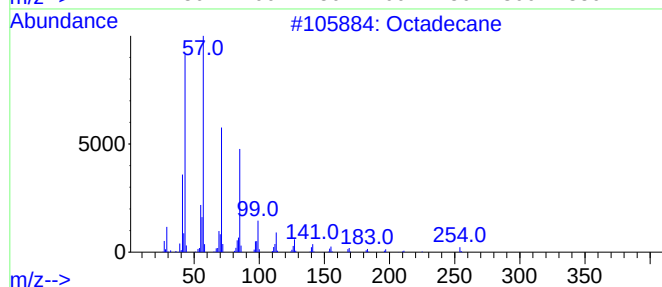
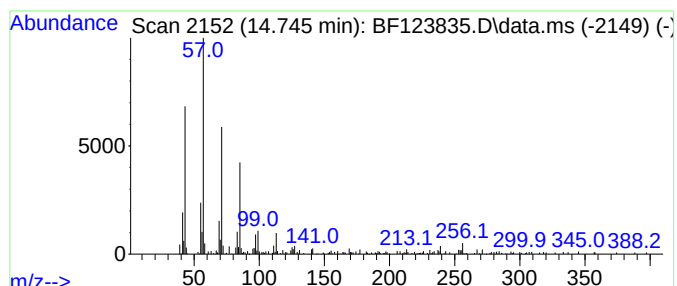
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 Octadecane Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.745 | 4.28 ng | 205926 | Perylene-d12     | 15.421 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Octadecane            | 254 | C18H38  | 000593-45-3 | 93   |
| 2    |    |   | Decane, 3,8-dimethyl- | 170 | C12H26  | 017312-55-9 | 87   |
| 3    |    |   | Hexadecane            | 226 | C16H34  | 000544-76-3 | 86   |
| 4    |    |   | Tridecane, 1-iodo-    | 310 | C13H27I | 035599-77-0 | 83   |
| 5    |    |   | Nonadecane, 2-methyl- | 282 | C20H42  | 001560-86-7 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123835.D  
Acq On : 5 May 2021 19:11  
Operator : JU/CG  
Sample : M2279-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EME-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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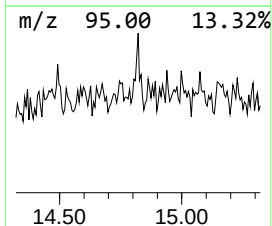
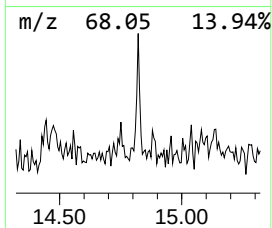
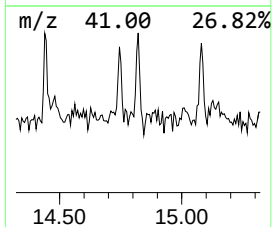
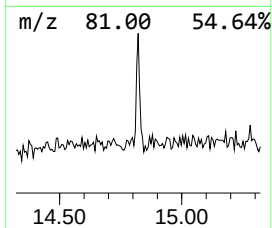
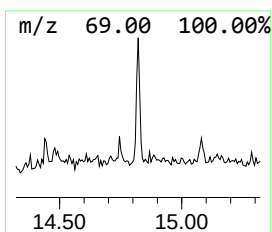
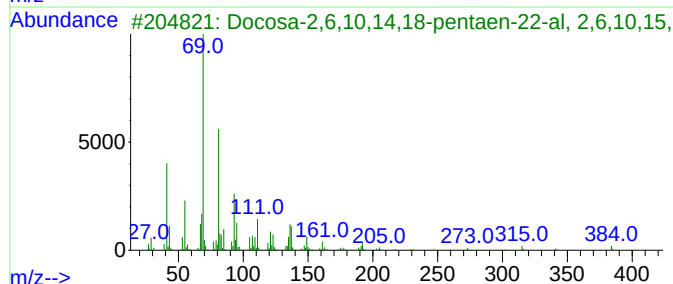
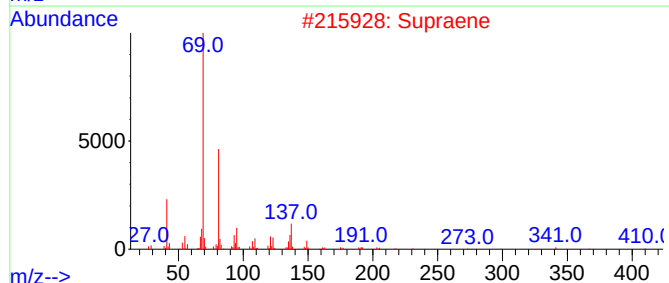
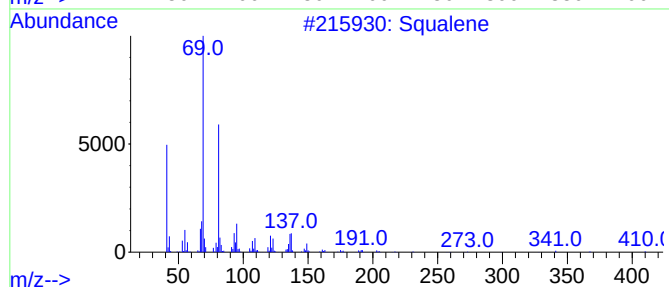
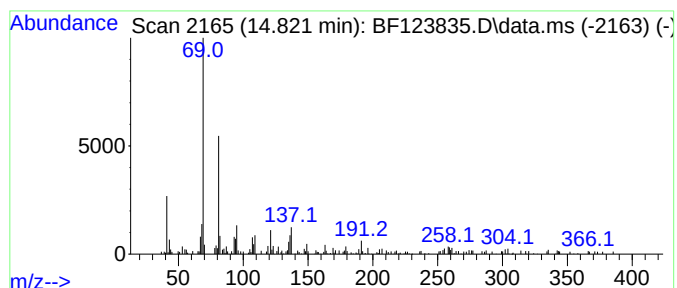
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Peak Number 9 Squalene Concentration Rank 11

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 14.821 | 2.02 ng | 97135 | Perylene-d12     | 15.421 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Squalene                            | 410 | C30H50   | 000111-02-4  | 83   |
| 2    |    |   | Supraene                            | 410 | C30H50   | 007683-64-9  | 80   |
| 3    |    |   | Docosa-2,6,10,14,18-pentaen-22-a... | 384 | C27H44O  | 1000163-04-7 | 80   |
| 4    |    |   | 1-(Phenylthio)-3,7,11-trimethyl-... | 314 | C21H30S  | 028413-57-2  | 74   |
| 5    |    |   | 1-Bromo-3,7-dimethyl-2,6-octadiene  | 216 | C10H17Br | 035719-26-7  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123835.D  
Acq On : 5 May 2021 19:11  
Operator : JU/CG  
Sample : M2279-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampled :  
EME-17

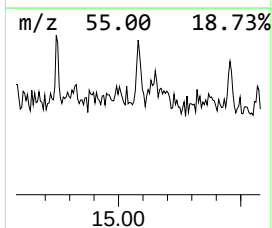
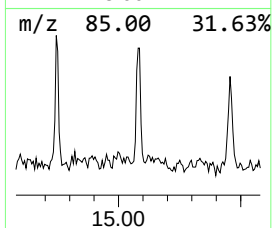
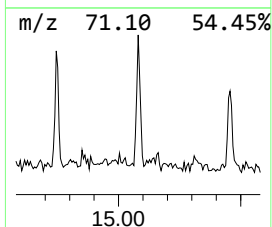
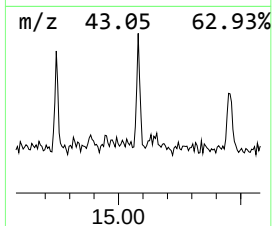
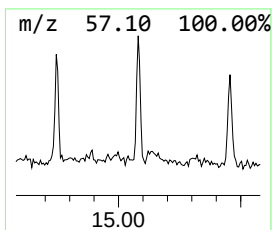
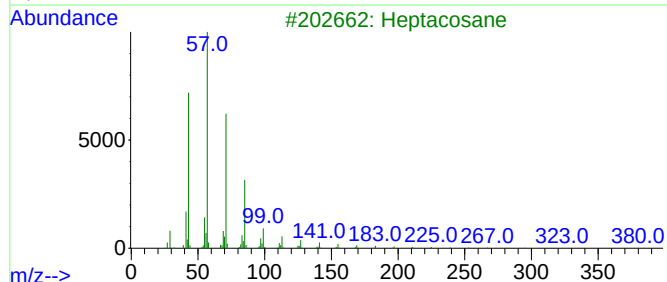
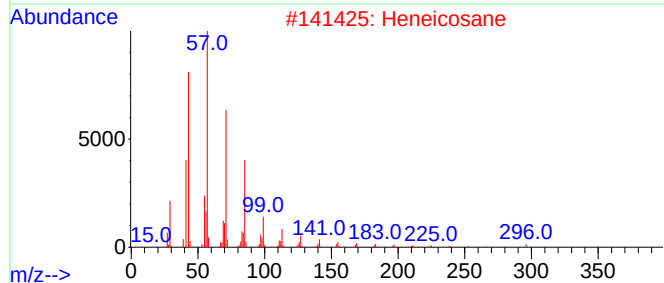
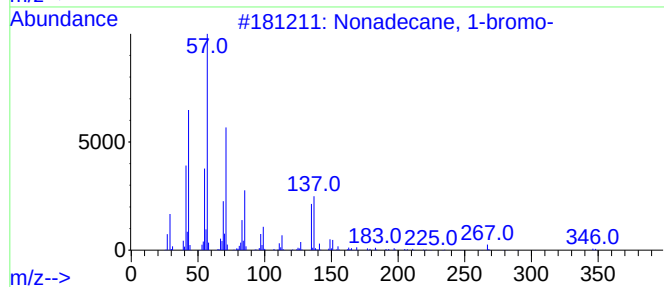
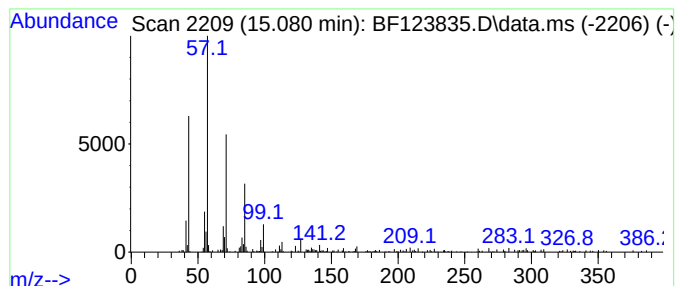
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Nonadecane, 1-bromo- Concentration Rank 2

| R.T.      | EstConc              | Area   | Relative to ISTD | R.T.        |      |
|-----------|----------------------|--------|------------------|-------------|------|
| 15.080    | 4.66 ng              | 224105 | Perylene-d12     | 15.421      |      |
| Hit# of 5 | Tentative ID         | MW     | MolForm          | CAS#        | Qual |
| 1         | Nonadecane, 1-bromo- | 346    | C19H39Br         | 004434-66-6 | 83   |
| 2         | Heneicosane          | 296    | C21H44           | 000629-94-7 | 83   |
| 3         | Heptacosane          | 380    | C27H56           | 000593-49-7 | 83   |
| 4         | Eicosane             | 282    | C20H42           | 000112-95-8 | 80   |
| 5         | Tridecane, 1-iodo-   | 310    | C13H27I          | 035599-77-0 | 80   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123835.D  
Acq On : 5 May 2021 19:11  
Operator : JU/CG  
Sample : M2279-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EME-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

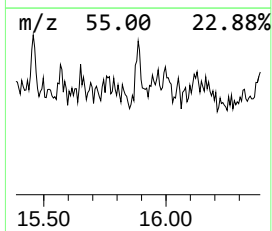
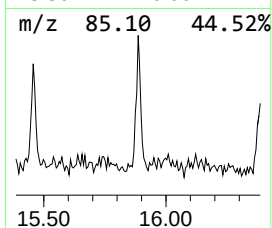
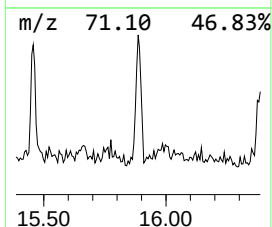
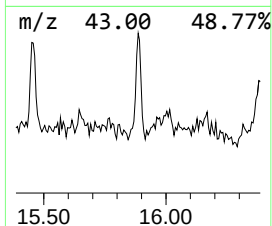
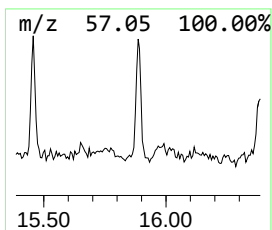
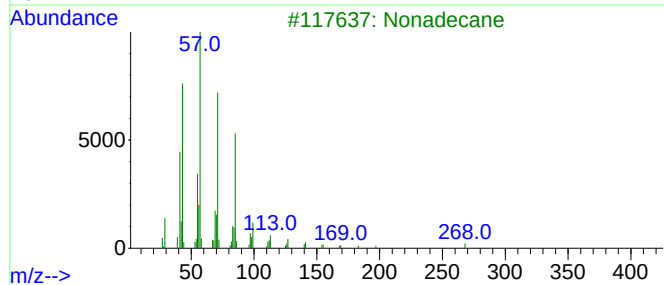
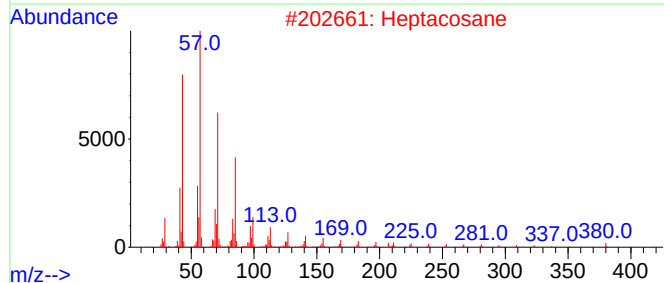
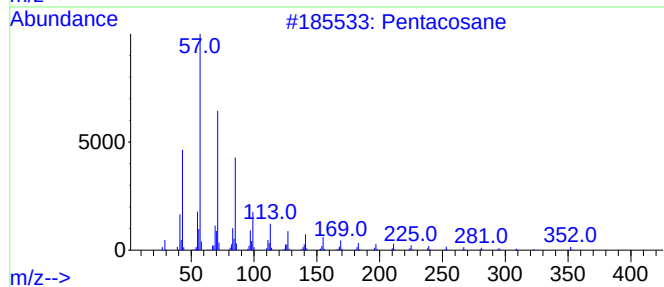
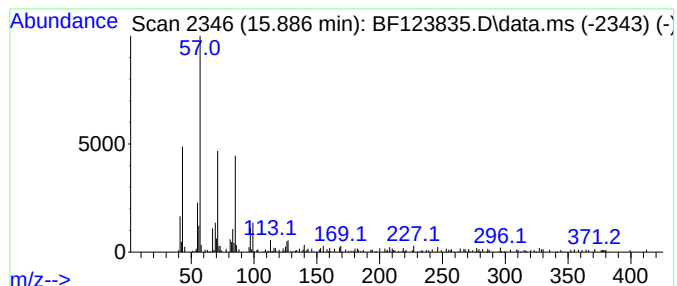
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Peak Number 11 Pentacosane Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.886 | 4.32 ng | 208108 | Perylene-d12     | 15.421 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Pentacosane         | 352 | C25H52  | 000629-99-2 | 90   |
| 2    |    |   | Heptacosane         | 380 | C27H56  | 000593-49-7 | 83   |
| 3    |    |   | Nonadecane          | 268 | C19H40  | 000629-92-5 | 72   |
| 4    |    |   | 9-methylheptadecane | 254 | C18H38  | 026741-18-4 | 72   |
| 5    |    |   | Eicosane            | 282 | C20H42  | 000112-95-8 | 70   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050521\  
Data File : BF123835.D  
Acq On : 5 May 2021 19:11  
Operator : JU/CG  
Sample : M2279-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EME-17

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.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 |
| Tridecane          | 10.745 | 2.1     | ng    | 177802   | 4                     | 11.322 | 1667350 | 20.0 |
| n-Hexadecanoic ... | 11.857 | 3.1     | ng    | 257857   | 4                     | 11.322 | 1667350 | 20.0 |
| unknown12.404      | 12.404 | 2.7     | ng    | 223380   | 4                     | 11.322 | 1667350 | 20.0 |
| Heptadecane, 2-... | 13.145 | 2.4     | ng    | 167069   | 5                     | 13.968 | 1414060 | 20.0 |
| Oxalic acid, is... | 13.821 | 13.0    | ng    | 918772   | 5                     | 13.968 | 1414060 | 20.0 |
| Heneicosane        | 14.139 | 2.5     | ng    | 173757   | 5                     | 13.968 | 1414060 | 20.0 |
| Heptadecane        | 14.445 | 3.1     | ng    | 219818   | 5                     | 13.968 | 1414060 | 20.0 |
| Octadecane         | 14.745 | 4.3     | ng    | 205926   | 6                     | 15.421 | 962721  | 20.0 |
| Squalene           | 14.821 | 2.0     | ng    | 97135    | 6                     | 15.421 | 962721  | 20.0 |
| Nonadecane, 1-b... | 15.080 | 4.7     | ng    | 224105   | 6                     | 15.421 | 962721  | 20.0 |
| Pentacosane        | 15.886 | 4.3     | ng    | 208108   | 6                     | 15.421 | 962721  | 20.0 |