

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071123\  
 Data File : BF134223.D  
 Acq On : 11 Jul 2023 20:48  
 Operator : CG\JU  
 Sample : 03401-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DT-02

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-BF062623.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134223.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         | 2.134       | 3             | 8           | 16           | rVB      | 1029301        | 1317296       | 18.17%          | 1.694%        |
| 2         | 5.081       | 506           | 509         | 518          | rBV      | 143330         | 173285        | 2.39%           | 0.223%        |
| 3         | 5.475       | 572           | 576         | 587          | rBV      | 2044717        | 1995415       | 27.52%          | 2.566%        |
| 4         | 6.481       | 742           | 747         | 763          | rBV      | 2056718        | 2105358       | 29.04%          | 2.707%        |
| 5         | 6.840       | 805           | 808         | 816          | rBV      | 717153         | 658436        | 9.08%           | 0.847%        |
| 6         | 7.404       | 900           | 904         | 908          | rBV      | 1468032        | 1319410       | 18.20%          | 1.696%        |
| 7         | 7.710       | 954           | 956         | 962          | rVB6     | 75490          | 124525        | 1.72%           | 0.160%        |
| 8         | 7.769       | 962           | 966         | 968          | rBV      | 242883         | 259247        | 3.58%           | 0.333%        |
| 9         | 7.881       | 982           | 985         | 987          | rBV2     | 254997         | 229271        | 3.16%           | 0.295%        |
| 10        | 7.951       | 993           | 997         | 999          | rBV3     | 136116         | 202096        | 2.79%           | 0.260%        |
| 11        | 7.998       | 1001          | 1005        | 1009         | rBV4     | 359997         | 606583        | 8.37%           | 0.780%        |
| 12        | 8.063       | 1014          | 1016        | 1018         | rBV2     | 134185         | 118491        | 1.63%           | 0.152%        |
| 13        | 8.104       | 1018          | 1023        | 1024         | rBV      | 624974         | 704784        | 9.72%           | 0.906%        |
| 14        | 8.122       | 1024          | 1026        | 1029         | rVB      | 1309045        | 1192904       | 16.45%          | 1.534%        |
| 15        | 8.157       | 1029          | 1032        | 1035         | rBV2     | 302507         | 422931        | 5.83%           | 0.544%        |
| 16        | 8.204       | 1037          | 1040        | 1042         | rBV3     | 574951         | 617420        | 8.52%           | 0.794%        |
| 17        | 8.228       | 1042          | 1044        | 1046         | rBV2     | 367377         | 272034        | 3.75%           | 0.350%        |
| 18        | 8.269       | 1049          | 1051        | 1053         | rVV3     | 247968         | 251027        | 3.46%           | 0.323%        |
| 19        | 8.292       | 1053          | 1055        | 1059         | rVB3     | 391523         | 543093        | 7.49%           | 0.698%        |
| 20        | 8.328       | 1059          | 1061        | 1064         | rBV      | 1165859        | 1014490       | 13.99%          | 1.304%        |
| 21        | 8.387       | 1069          | 1071        | 1072         | rBV      | 347292         | 252816        | 3.49%           | 0.325%        |
| 22        | 8.404       | 1072          | 1074        | 1075         | rVV      | 436410         | 303600        | 4.19%           | 0.390%        |
| 23        | 8.445       | 1078          | 1081        | 1084         | rBV3     | 444764         | 422363        | 5.83%           | 0.543%        |
| 24        | 8.487       | 1084          | 1088        | 1090         | rBV3     | 712778         | 983790        | 13.57%          | 1.265%        |
| 25        | 8.516       | 1090          | 1093        | 1095         | rBV2     | 753050         | 785081        | 10.83%          | 1.009%        |
| 26        | 8.539       | 1095          | 1097        | 1099         | rBV2     | 459280         | 308341        | 4.25%           | 0.396%        |
| 27        | 8.575       | 1100          | 1103        | 1104         | rVV      | 1719578        | 1563118       | 21.56%          | 2.010%        |
| 28        | 8.592       | 1104          | 1106        | 1109         | rVB2     | 1394770        | 1287365       | 17.76%          | 1.655%        |
| 29        | 8.634       | 1111          | 1113        | 1116         | rVV      | 969132         | 876202        | 12.09%          | 1.127%        |
| 30        | 8.675       | 1116          | 1120        | 1124         | rVV3     | 2515011        | 2910477       | 40.15%          | 3.742%        |
| 31        | 8.881       | 1152          | 1155        | 1158         | rVB2     | 1898614        | 1745885       | 24.08%          | 2.245%        |
| 32        | 8.916       | 1158          | 1161        | 1163         | rBV      | 1410575        | 1334379       | 18.41%          | 1.716%        |
| 33        | 9.022       | 1176          | 1179        | 1181         | rBV3     | 1321917        | 1285375       | 17.73%          | 1.653%        |
| 34        | 9.092       | 1189          | 1191        | 1195         | rBV3     | 766243         | 1004491       | 13.86%          | 1.292%        |
| 35        | 9.134       | 1195          | 1198        | 1200         | rBV      | 2051051        | 1881889       | 25.96%          | 2.420%        |
| 36        | 9.210       | 1208          | 1211        | 1217         | rBV2     | 2786197        | 3457427       | 47.69%          | 4.445%        |

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 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 DT-02

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-BF062623.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 9.304  | 1222 | 1227 | 1230 | rBV  | 5276940 | 7069200 | 97.51%  | 9.089% |
| 38 | 9.622  | 1277 | 1281 | 1284 | rVB  | 3859976 | 4527091 | 62.44%  | 5.821% |
| 39 | 9.669  | 1287 | 1289 | 1293 | rVB2 | 1573597 | 1639928 | 22.62%  | 2.109% |
| 40 | 9.722  | 1296 | 1298 | 1301 | rVB  | 1198165 | 909469  | 12.54%  | 1.169% |
| 41 | 9.775  | 1304 | 1307 | 1310 | rBV2 | 2273793 | 3533128 | 48.73%  | 4.543% |
| 42 | 9.828  | 1313 | 1316 | 1318 | rVB  | 3531762 | 3750463 | 51.73%  | 4.822% |
| 43 | 9.857  | 1319 | 1321 | 1323 | rBV3 | 1089360 | 982709  | 13.56%  | 1.264% |
| 44 | 9.945  | 1334 | 1336 | 1340 | rBV3 | 1153088 | 1983945 | 27.37%  | 2.551% |
| 45 | 10.322 | 1397 | 1400 | 1403 | rBV2 | 1676407 | 1580730 | 21.80%  | 2.032% |
| 46 | 10.851 | 1484 | 1490 | 1492 | rVB  | 4558585 | 7249747 | 100.00% | 9.322% |
| 47 | 11.310 | 1564 | 1568 | 1571 | rVB  | 4156342 | 5030041 | 69.38%  | 6.468% |
| 48 | 11.651 | 1623 | 1626 | 1629 | rVB  | 1855222 | 1831588 | 25.26%  | 2.355% |
| 49 | 12.986 | 1851 | 1853 | 1861 | rVB  | 1600983 | 1527707 | 21.07%  | 1.964% |
| 50 | 14.045 | 2030 | 2033 | 2041 | rVB  | 563073  | 672702  | 9.28%   | 0.865% |
| 51 | 14.892 | 2174 | 2177 | 2184 | rVB  | 124831  | 146048  | 2.01%   | 0.188% |
| 52 | 15.539 | 2282 | 2287 | 2296 | rBV  | 456613  | 604777  | 8.34%   | 0.778% |
| 53 | 17.868 | 2674 | 2683 | 2691 | rBV6 | 78875   | 203948  | 2.81%   | 0.262% |

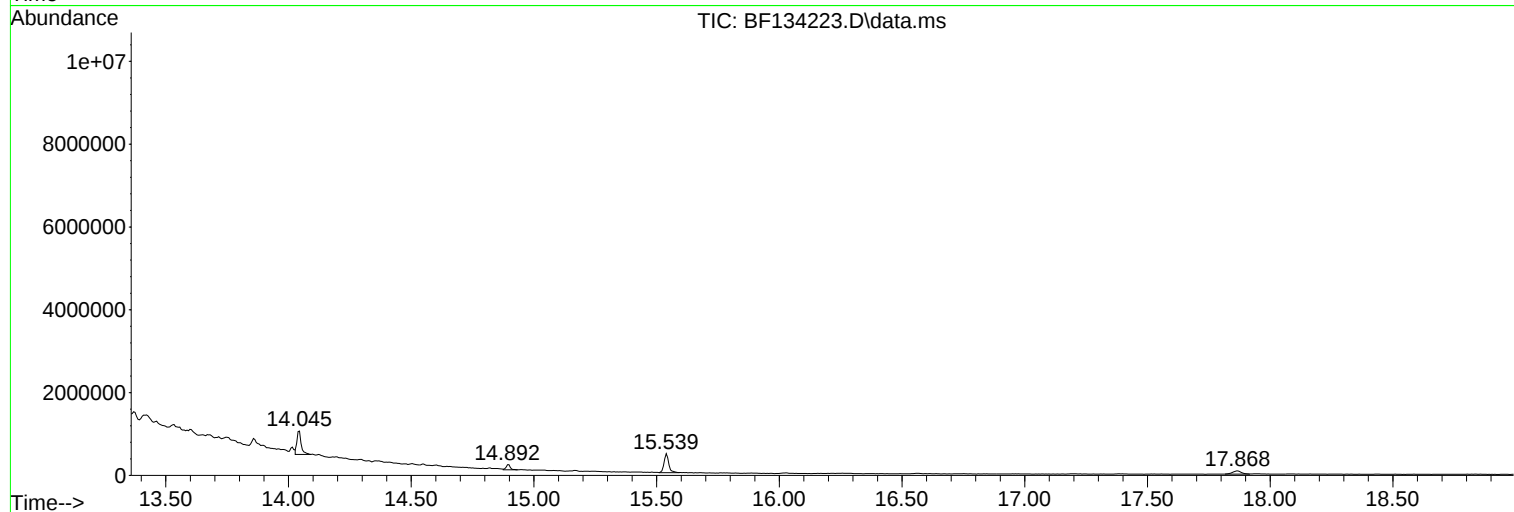
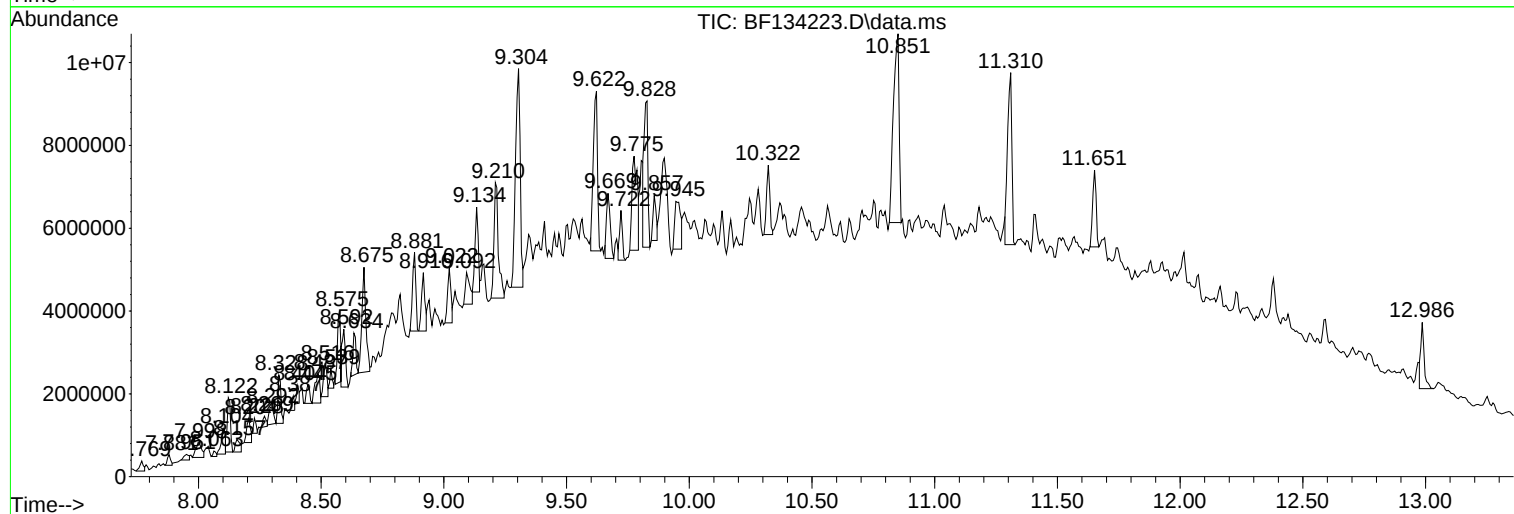
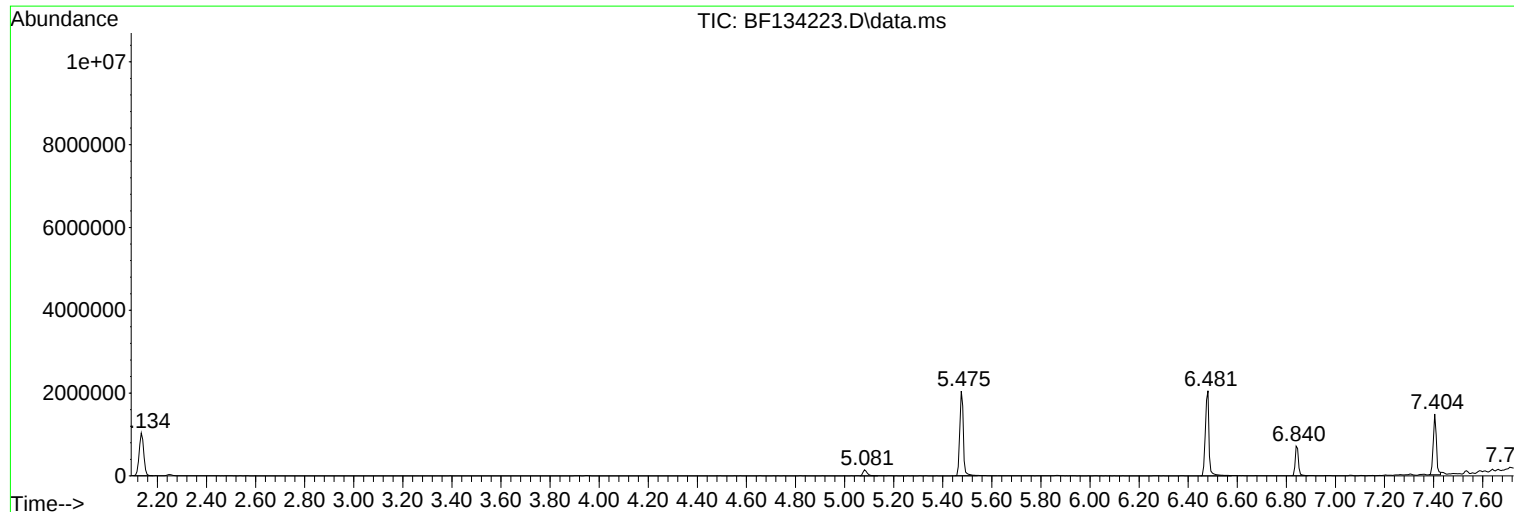
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BNA\_F  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071123\  
Data File : BF134223.D  
Acq On : 11 Jul 2023 20:48  
Operator : CG\JU  
Sample : 03401-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DT-02

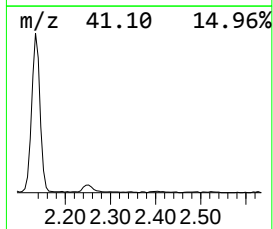
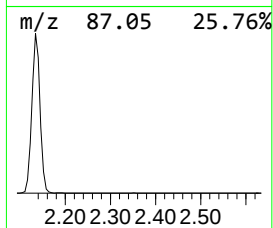
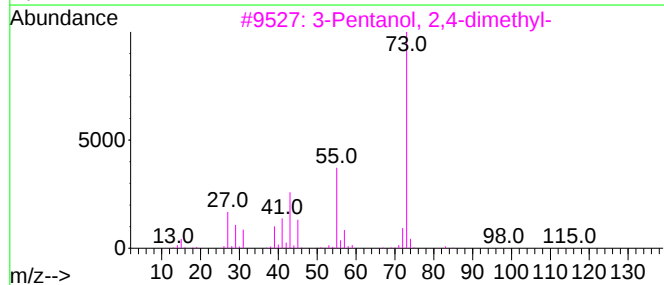
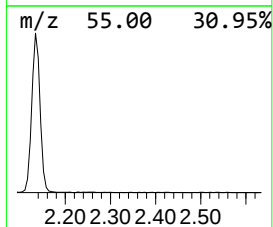
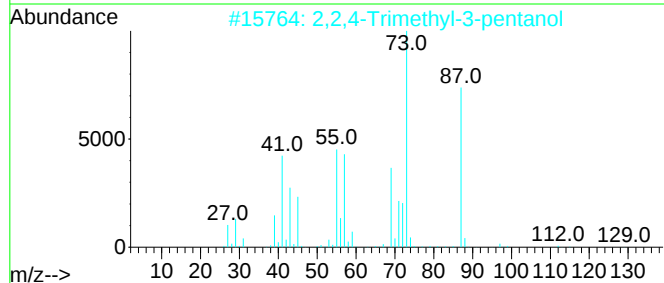
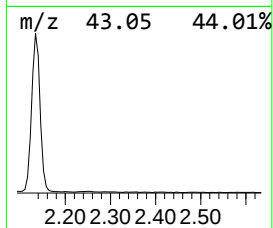
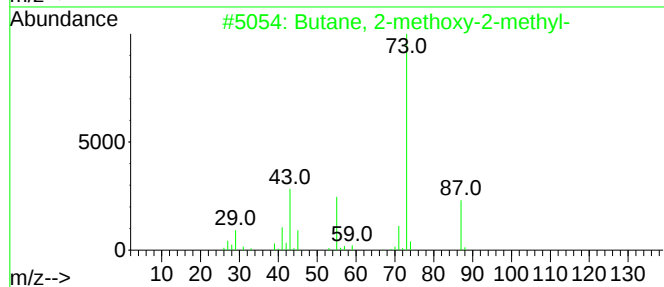
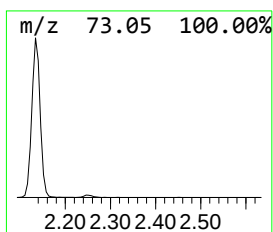
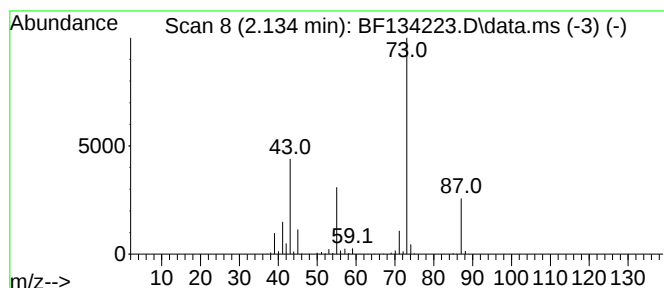
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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 4

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 2.134 | 40.01 ng | 1317300 | 1,4-Dichlorobenzene-d4 | 6.840 |

| 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 | 40   |
| 3    |    |   | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 37   |
| 4    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 23   |
| 5    |    |   | 1,3-Dioxolane, 2-propyl-    | 116 | C6H12O2 | 003390-13-4 | 23   |



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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

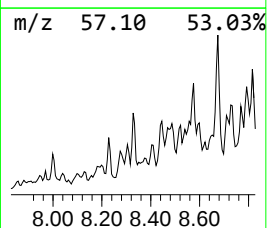
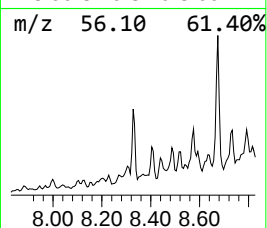
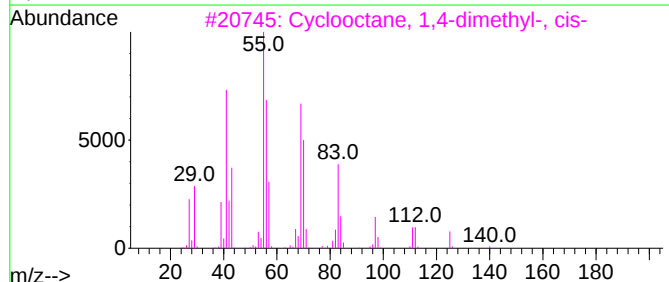
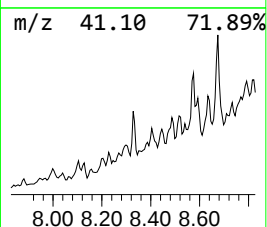
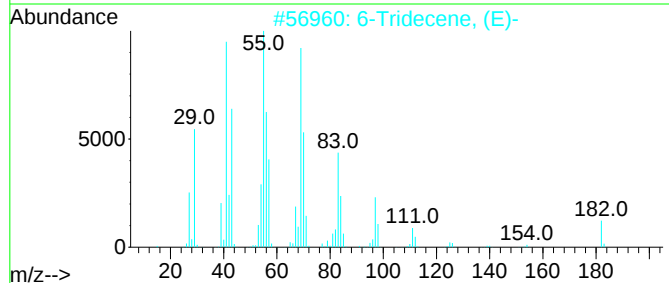
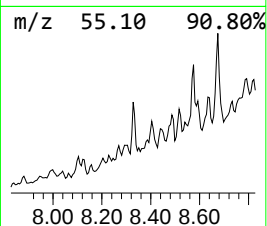
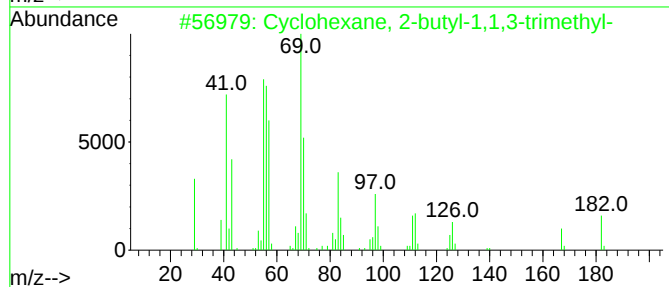
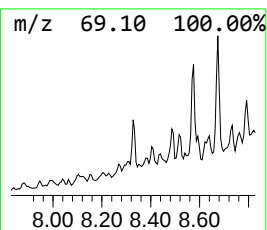
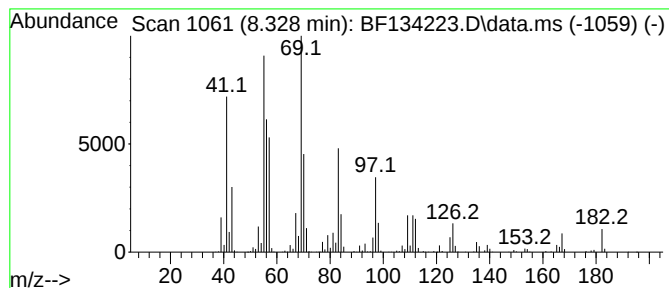
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Peak Number 2 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 14

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.328 | 17.01 ng | 1014490 | Naphthalene-d8   | 8.122 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 2-butyl-1,1,3-trime... | 182 | C13H26  | 054676-39-0 | 94   |
| 2    |    |   | 6-Tridecene, (E)-                   | 182 | C13H26  | 006434-76-0 | 87   |
| 3    |    |   | Cyclooctane, 1,4-dimethyl-, cis-    | 140 | C10H20  | 013151-99-0 | 60   |
| 4    |    |   | 1-Tridecene                         | 182 | C13H26  | 002437-56-1 | 60   |
| 5    |    |   | Cyclopentane, 1,2-dibutyl-          | 182 | C13H26  | 062199-52-4 | 58   |



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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

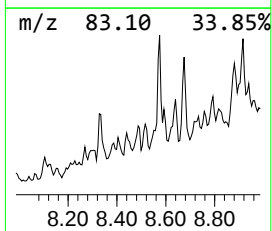
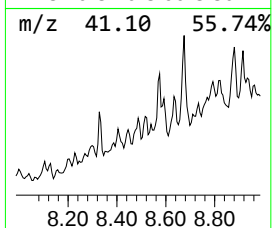
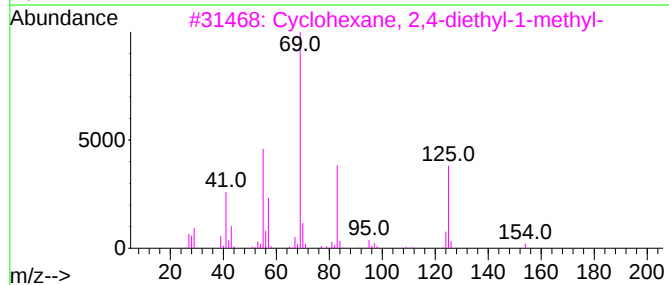
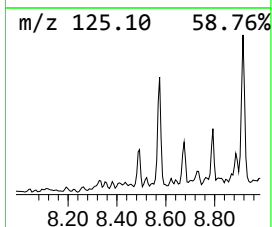
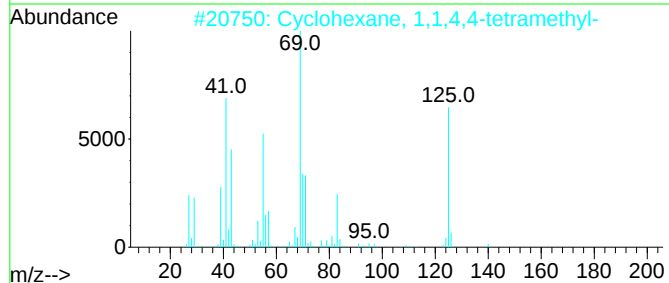
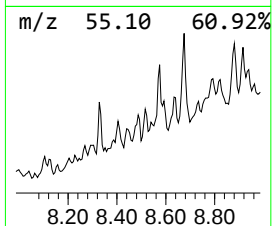
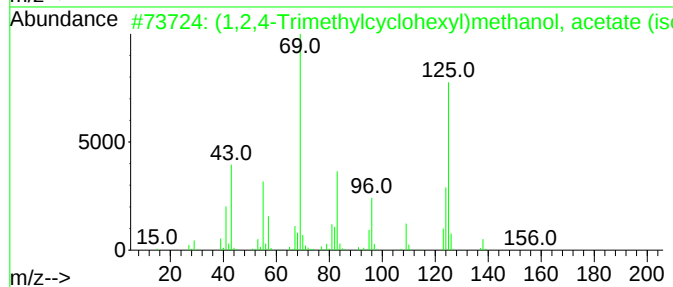
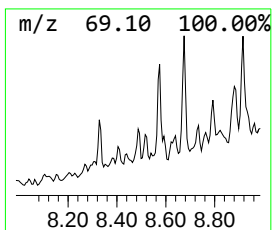
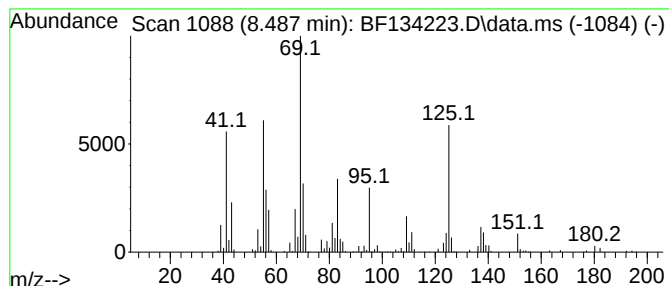
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Peak Number 3 (1,2,4-Trimethylcyclohexyl)... Concentration Rank 16

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 8.487 | 16.49 ng | 983790 | Naphthalene-d8   | 8.122 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|------|-------------------------------------|-----|----------|--------------|------|
| 1    |      | (1,2,4-Trimethylcyclohexyl)metha... | 198 | C12H22O2 | 1000499-04-5 | 53   |
| 2    |      | Cyclohexane, 1,1,4,4-tetramethyl-   | 140 | C10H20   | 002223-52-1  | 50   |
| 3    |      | Cyclohexane, 2,4-diethyl-1-methyl-  | 154 | C11H22   | 061142-70-9  | 47   |
| 4    |      | 2-Dodecene, 2-methyl-               | 182 | C13H26   | 055103-82-7  | 43   |
| 5    |      | Cyclopentane, (2-methylbutyl)-      | 140 | C10H20   | 053366-38-4  | 43   |



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BNA\_F  
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DT-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

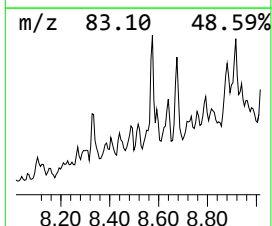
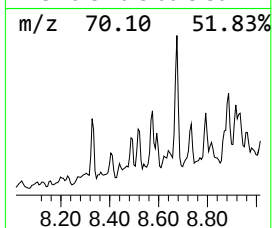
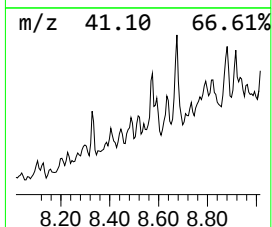
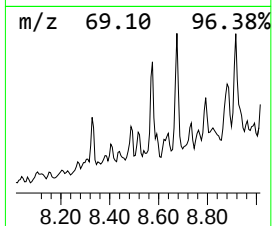
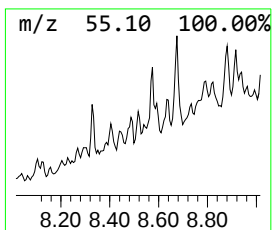
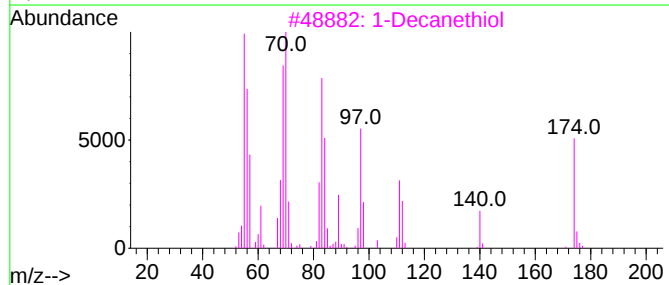
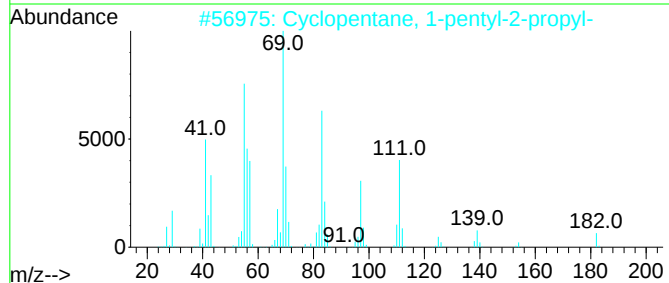
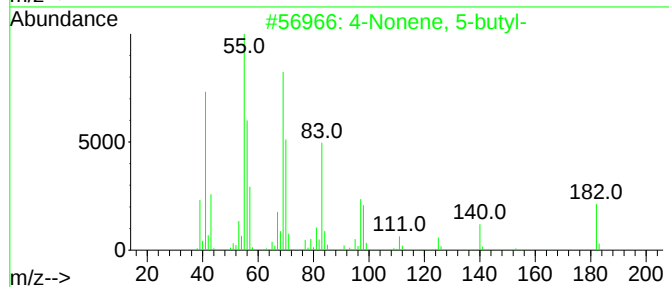
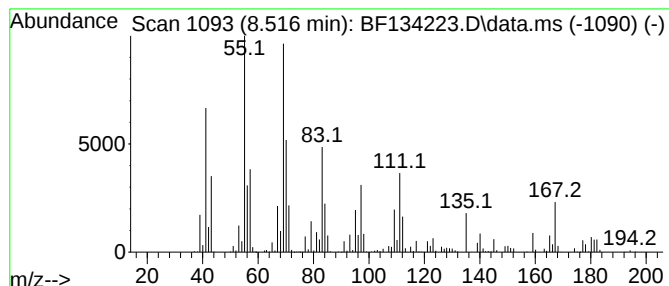
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 4-Nonene, 5-butyl- Concentration Rank 19

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 8.516 | 13.16 ng | 785081 | Naphthalene-d8   | 8.122 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|-------------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 4-Nonene, 5-butyl-                  |   |              | 182 | C13H26  | 007367-38-6 | 58   |
| 2    | Cyclopentane, 1-pentyl-2-propyl-    |   |              | 182 | C13H26  | 062199-51-3 | 46   |
| 3    | 1-Decanethiol                       |   |              | 174 | C10H22S | 000143-10-2 | 46   |
| 4    | Cyclopentanone, 2-methyl-3-(1-me... |   |              | 140 | C9H16O  | 054549-81-4 | 45   |
| 5    | Neral                               |   |              | 152 | C10H16O | 000106-26-3 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071123\  
Data File : BF134223.D  
Acq On : 11 Jul 2023 20:48  
Operator : CG\JU  
Sample : 03401-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DT-02

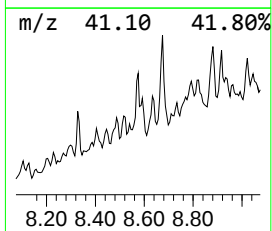
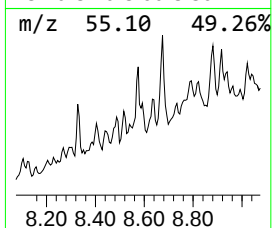
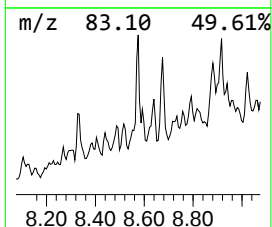
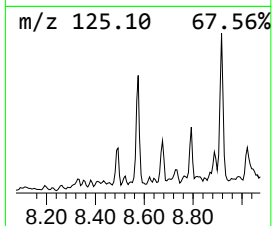
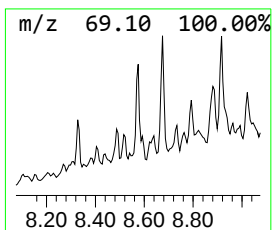
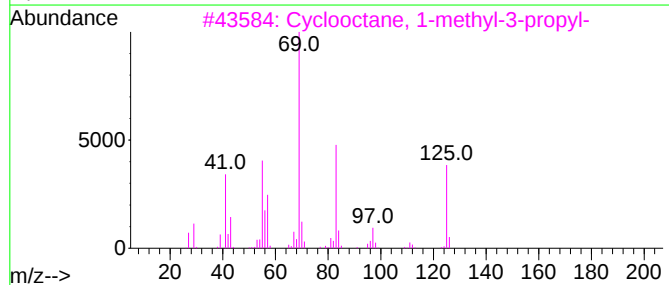
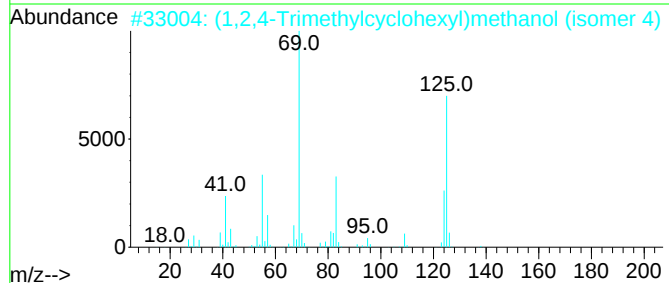
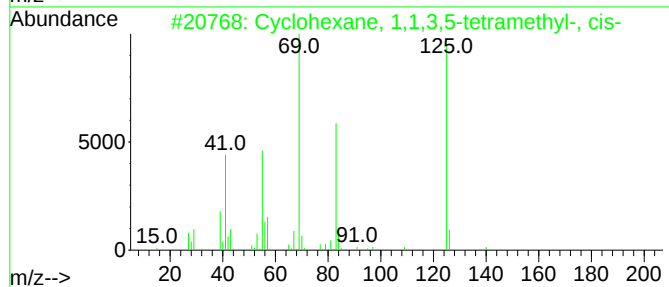
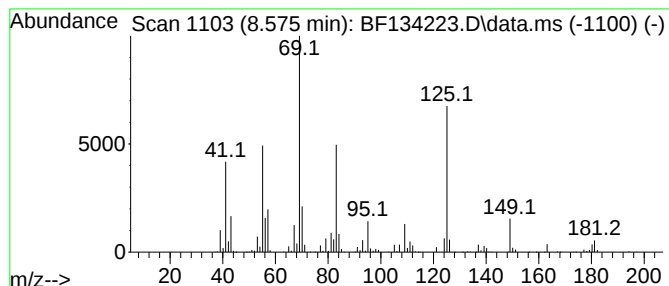
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Cyclohexane, 1,1,3,5-tetram... Concentration Rank 9

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.575 | 26.21 ng | 1563120 | Naphthalene-d8   | 8.122 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Cyclohexane, 1,1,3,5-tetramethyl... | 140 | C10H20  | 050876-32-9  | 70   |
| 2    |    |   | (1,2,4-Trimethylcyclohexyl)metha... | 156 | C10H20O | 1000499-04-1 | 64   |
| 3    |    |   | Cyclooctane, 1-methyl-3-propyl-     | 168 | C12H24  | 255885-37-1  | 59   |
| 4    |    |   | Cyclohexane, 1,2-diethyl-3-methyl-  | 154 | C11H22  | 061141-80-8  | 59   |
| 5    |    |   | Cyclohexane, 1,1,3,5-tetramethyl... | 140 | C10H20  | 050876-31-8  | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071123\  
Data File : BF134223.D  
Acq On : 11 Jul 2023 20:48  
Operator : CG\JU  
Sample : 03401-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DT-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

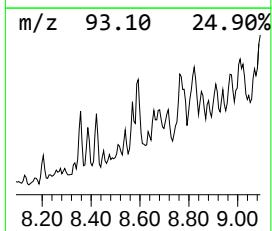
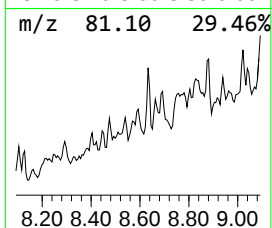
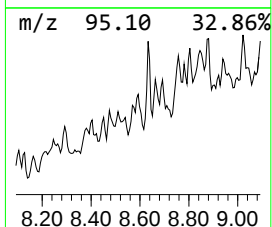
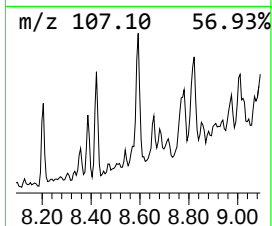
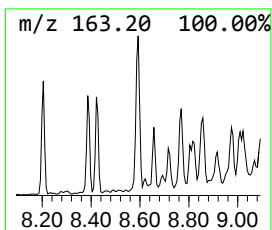
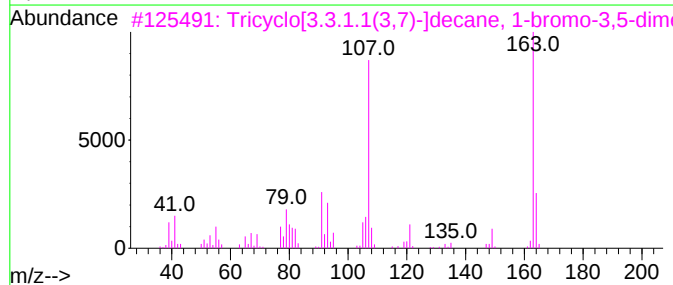
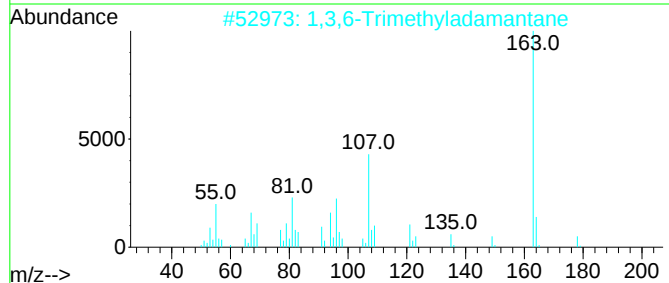
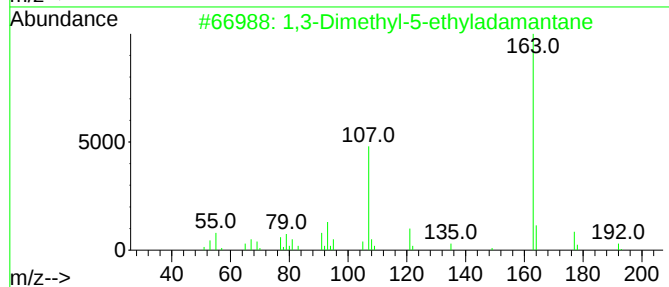
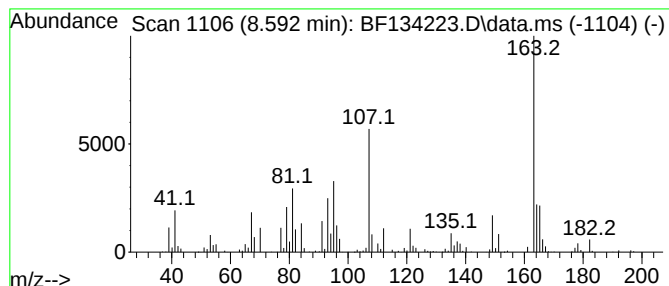
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 1,3-Dimethyl-5-ethyladamantane Concentration Rank 11

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.592 | 21.58 ng | 1287370 | Naphthalene-d8   | 8.122 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 1,3-Dimethyl-5-ethyladamantane      | 192 | C14H24   | 001687-35-0  | 50   |
| 2    |    |   | 1,3,6-Trimethyladamantane           | 178 | C13H22   | 024139-37-5  | 43   |
| 3    |    |   | Tricyclo[3.3.1.1(3,7)-]decane, 1... | 242 | C12H19Br | 000941-37-7  | 42   |
| 4    |    |   | 1,4-Methanophthalazine, 1,4,4a,5... | 206 | C13H22N2 | 109746-14-7  | 40   |
| 5    |    |   | 1,3,4-Trimethyladamantane           | 178 | C13H22   | 1000214-98-3 | 40   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071123\  
Data File : BF134223.D  
Acq On : 11 Jul 2023 20:48  
Operator : CG\JU  
Sample : 03401-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DT-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

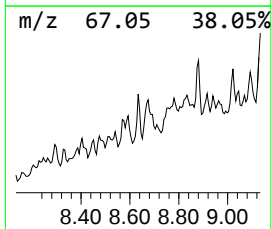
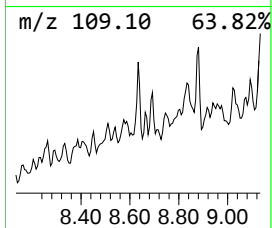
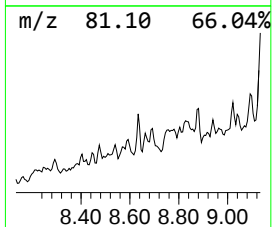
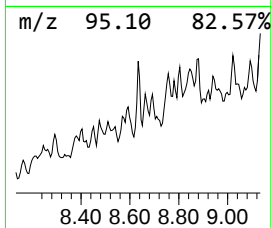
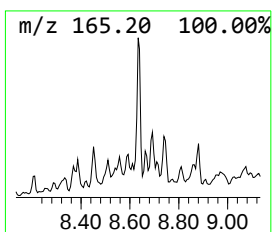
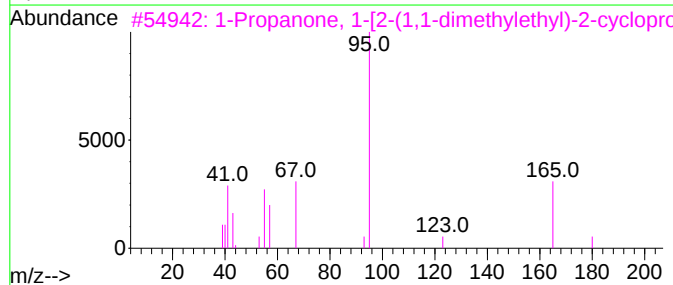
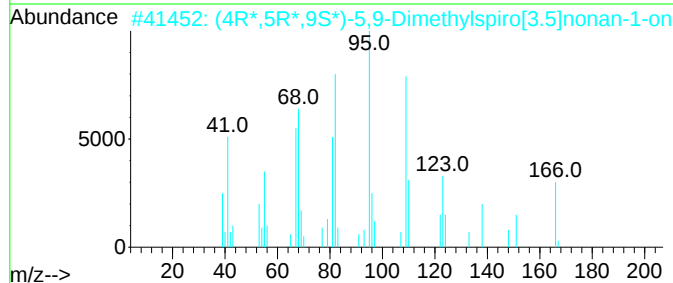
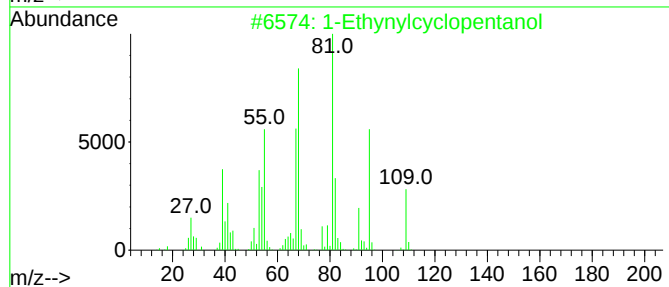
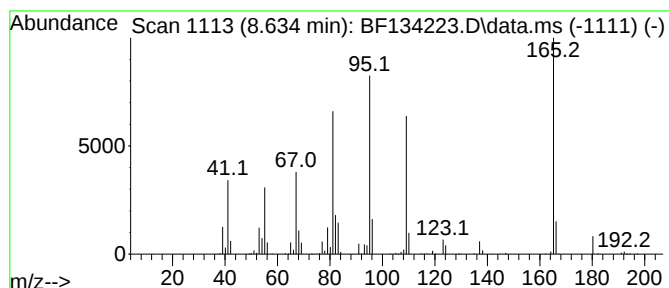
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 unknown8.634 Concentration Rank 18

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 8.634 | 14.69 ng | 876202 | Naphthalene-d8   | 8.122 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Ethynylcyclopentanol               | 110 | C7H10O  | 017356-19-3 | 43   |
| 2    |    |   | (4R*,5R*,9S*)-5,9-Dimethylspiro[...] | 166 | C11H18O | 063088-19-7 | 43   |
| 3    |    |   | 1-Propanone, 1-[2-(1,1-dimethyle...] | 180 | C12H20O | 019576-21-7 | 43   |
| 4    |    |   | Ketone, 1,5-dimethylbicyclo[2.1....] | 138 | C9H14O  | 024081-57-0 | 38   |
| 5    |    |   | 1,3-Dimethyl-1-cyclohexene           | 110 | C8H14   | 002808-76-6 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071123\  
Data File : BF134223.D  
Acq On : 11 Jul 2023 20:48  
Operator : CG\JU  
Sample : 03401-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DT-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L  
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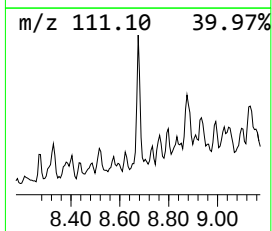
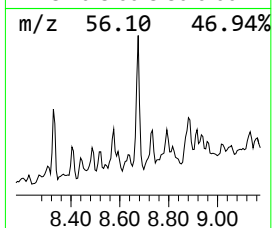
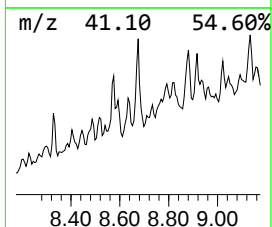
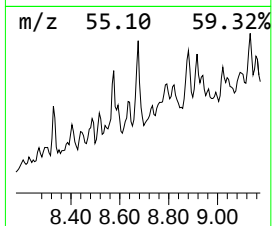
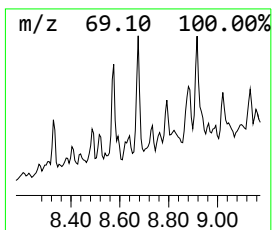
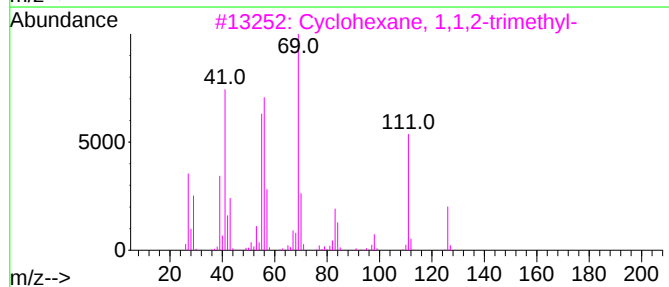
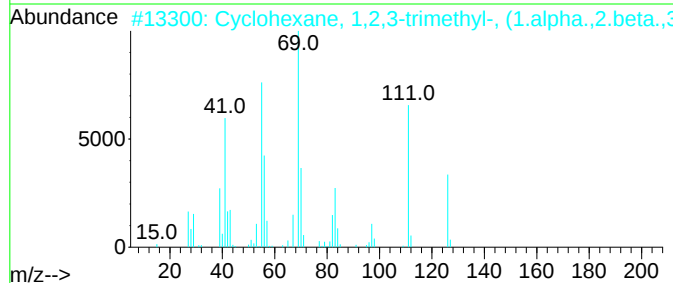
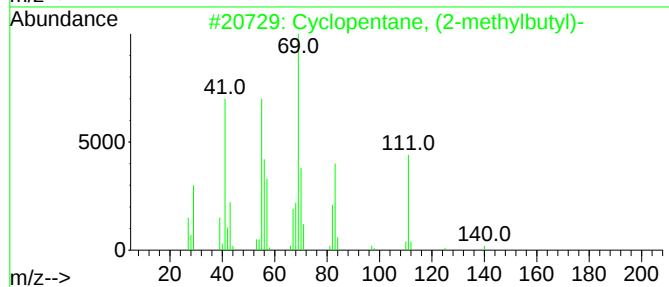
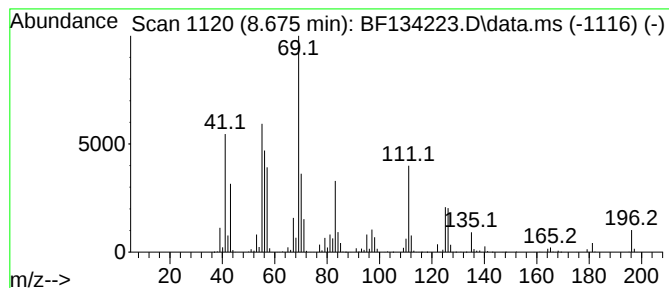
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Peak Number 8 Cyclopentane, (2-methylbutyl)- Concentration Rank 2

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.675 | 48.80 ng | 2910480 | Naphthalene-d8   | 8.122 |

| Hit# | of 5 | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|------|--------------------------------------|-----|---------|-------------|------|
| 1    |      | Cyclopentane, (2-methylbutyl)-       | 140 | C10H20  | 053366-38-4 | 64   |
| 2    |      | Cyclohexane, 1,2,3-trimethyl-, (...) | 126 | C9H18   | 001678-81-5 | 58   |
| 3    |      | Cyclohexane, 1,1,2-trimethyl-        | 126 | C9H18   | 007094-26-0 | 53   |
| 4    |      | 1-Hexene, 3,3-dimethyl-              | 112 | C8H16   | 003404-77-1 | 50   |
| 5    |      | 2-(Acetylmethylene)tetrahydrofuran   | 126 | C7H10O2 | 112595-65-0 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071123\  
Data File : BF134223.D  
Acq On : 11 Jul 2023 20:48  
Operator : CG\JU  
Sample : 03401-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DT-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

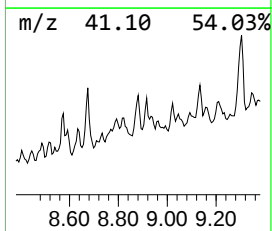
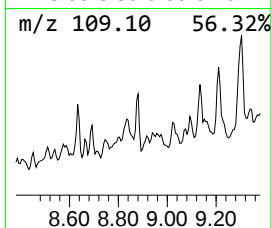
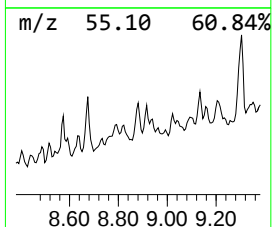
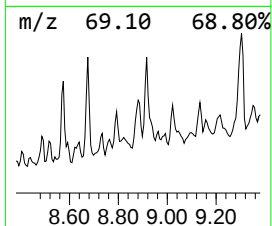
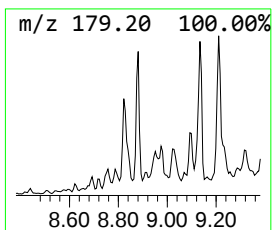
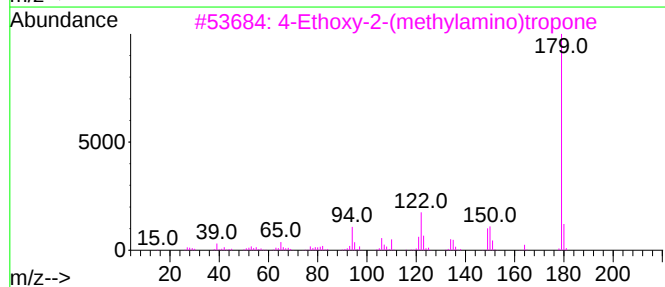
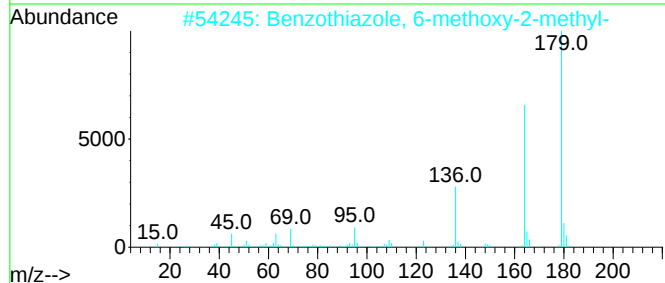
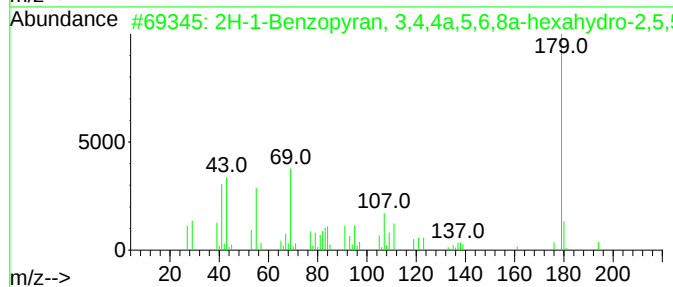
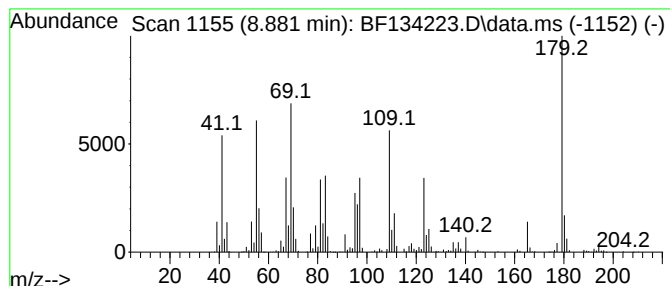
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 unknown8.881 Concentration Rank 7

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.881 | 29.27 ng | 1745890 | Naphthalene-d8   | 8.122 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 2H-1-Benzopyran, 3,4,4a,5,6,8a-h... | 194 | C13H22O      | 041678-32-4  | 38      |      |      |
| 2    | Benzothiazole, 6-methoxy-2-methyl-  | 179 | C9H9NOS      | 002941-72-2  | 35      |      |      |
| 3    | 4-Ethoxy-2-(methylamino)tropone     | 179 | C10H13NO2    | 1010241-45-1 | 27      |      |      |
| 4    | 2(1H)-Naphthalenone, octahydro-4... | 180 | C12H20O      | 051557-64-3  | 27      |      |      |
| 5    | 2,4,6-Trimethyl-7-oxo-4,7-dihydr... | 179 | C7H9N5O      | 025623-78-3  | 22      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071123\  
Data File : BF134223.D  
Acq On : 11 Jul 2023 20:48  
Operator : CG\JU  
Sample : 03401-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DT-02

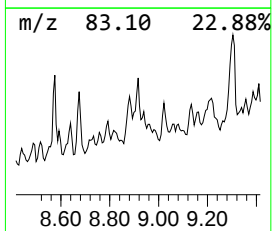
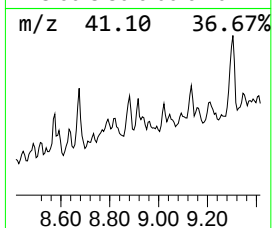
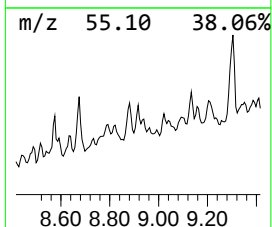
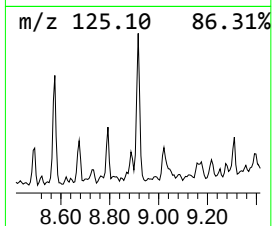
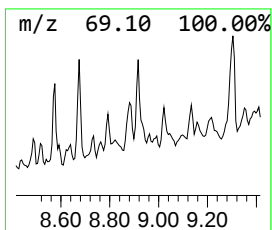
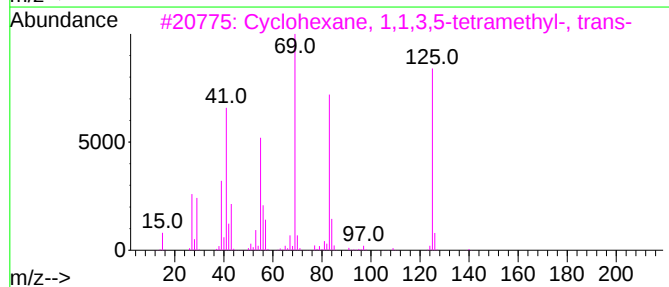
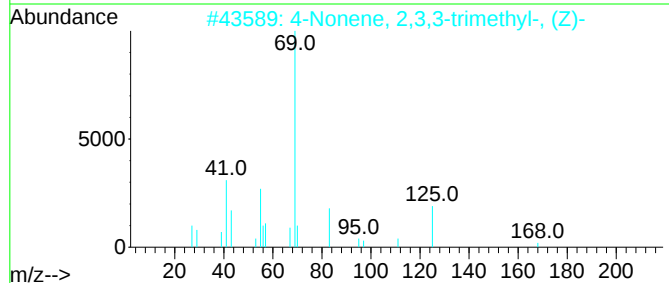
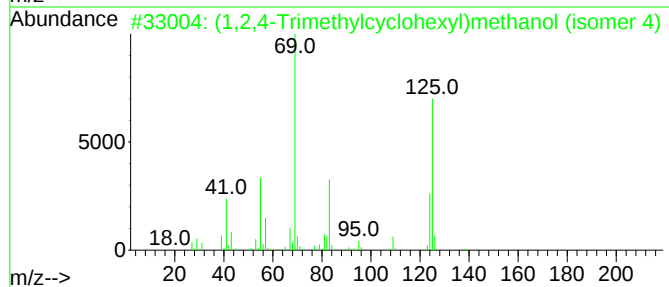
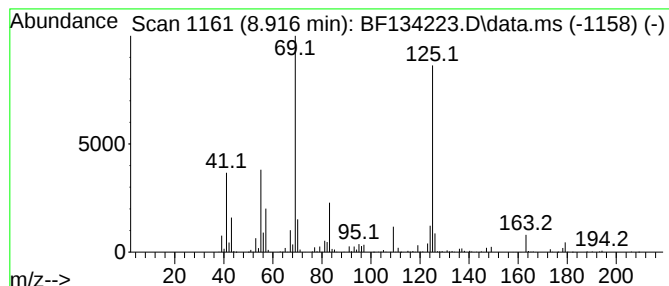
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 10 4-Nonene, 2,3,3-trimethyl-,... Concentration Rank 10

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.916 | 22.37 ng | 1334380 | Naphthalene-d8   | 8.122 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | (1,2,4-Trimethylcyclohexyl)metha... | 156 | C10H200      | 1000499-04-1 | 56      |      |      |
| 2    | 4-Nonene, 2,3,3-trimethyl-, (Z)-    | 168 | C12H24       | 063830-68-2  | 50      |      |      |
| 3    | Cyclohexane, 1,1,3,5-tetramethyl... | 140 | C10H20       | 050876-31-8  | 45      |      |      |
| 4    | (1,2,4-Trimethylcyclohexyl)metha... | 156 | C10H200      | 1000499-03-9 | 45      |      |      |
| 5    | 1-Phenyl-phosphorinane 1-oxide      | 194 | C11H15OP     | 004963-95-5  | 42      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071123\  
Data File : BF134223.D  
Acq On : 11 Jul 2023 20:48  
Operator : CG\JU  
Sample : 03401-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DT-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

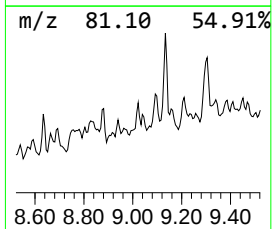
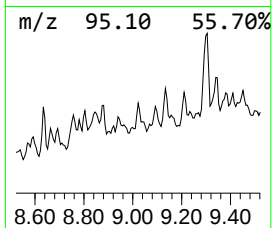
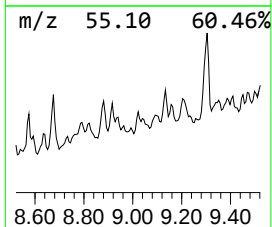
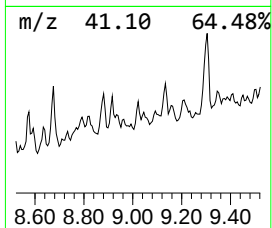
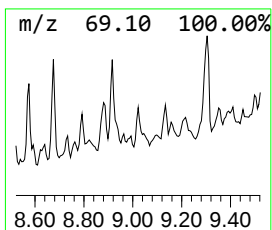
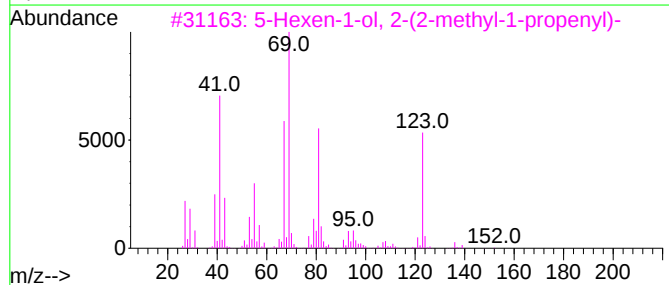
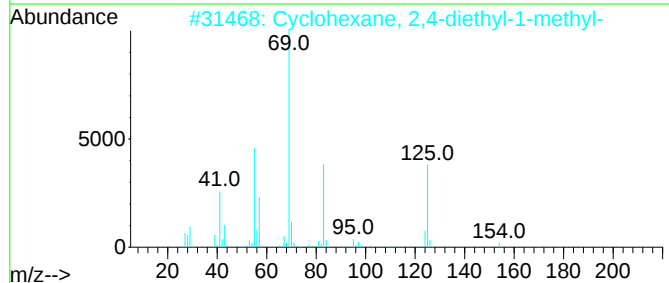
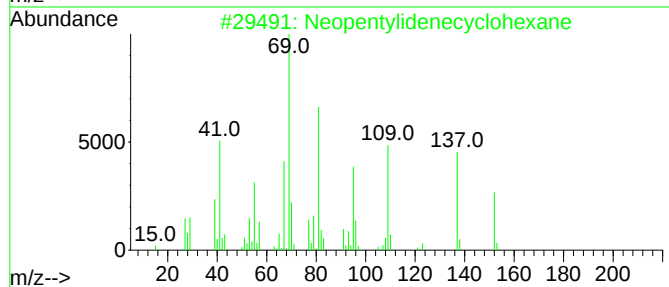
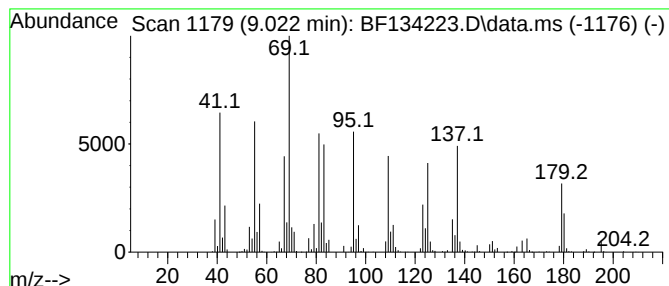
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 unknown9.022 Concentration Rank 20

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.022 | 12.96 ng | 1285380 | Acenaphthene-d10 | 9.910 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|------|-------------------------------------|-----|----------|-------------|------|
| 1    |      | Neopentylidenecyclohexane           | 152 | C11H20   | 039546-80-0 | 47   |
| 2    |      | Cyclohexane, 2,4-diethyl-1-methyl-  | 154 | C11H22   | 061142-70-9 | 35   |
| 3    |      | 5-Hexen-1-ol, 2-(2-methyl-1-prop... | 154 | C10H18O  | 018675-19-9 | 27   |
| 4    |      | 2H-Benzocyclohepten-2-one, decah... | 180 | C12H20O  | 055103-67-8 | 25   |
| 5    |      | Geranyl bromide                     | 216 | C10H17Br | 006138-90-5 | 22   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071123\  
Data File : BF134223.D  
Acq On : 11 Jul 2023 20:48  
Operator : CG\JU  
Sample : 03401-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DT-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

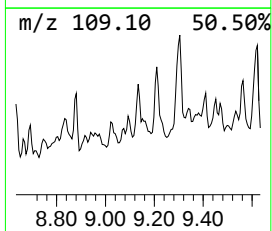
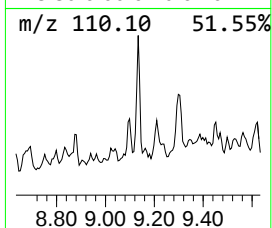
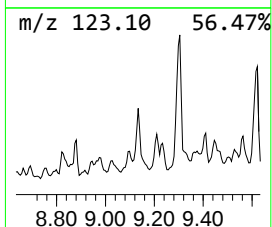
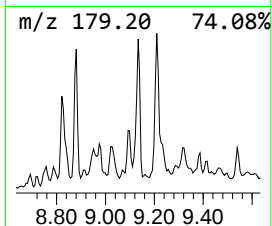
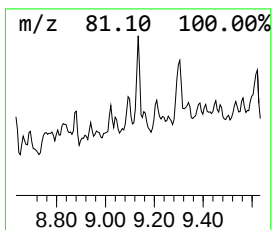
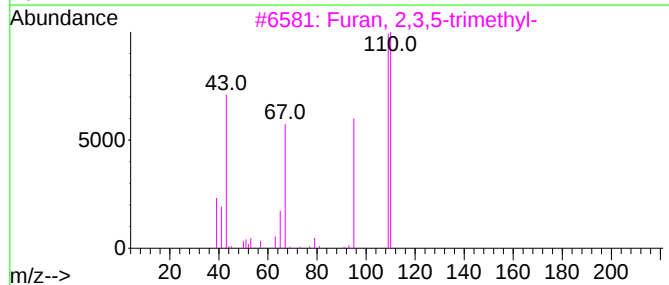
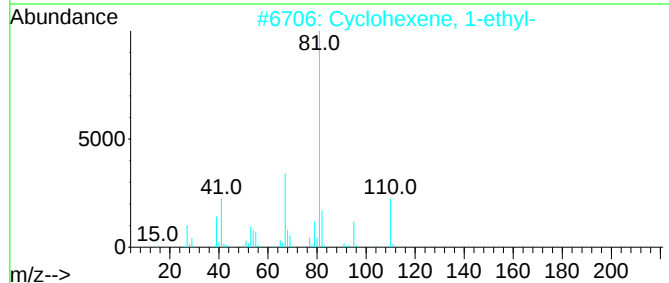
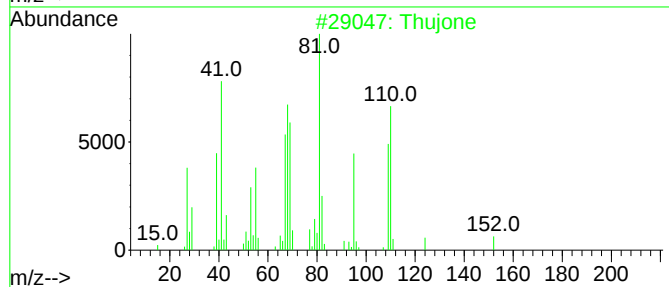
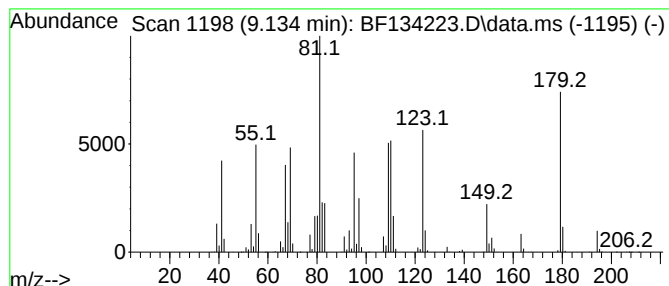
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Peak Number 12 unknown9.134 Concentration Rank 13

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.134 | 18.97 ng | 1881890 | Acenaphthene-d10 | 9.910 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm  | CAS#         | Qual |
|------|-------------------------------------|---|--------------|-----|----------|--------------|------|
| 1    | Thujone                             |   |              | 152 | C10H16O  | 000546-80-5  | 43   |
| 2    | Cyclohexene, 1-ethyl-               |   |              | 110 | C8H14    | 001453-24-3  | 30   |
| 3    | Furan, 2,3,5-trimethyl-             |   |              | 110 | C7H10O   | 010504-04-8  | 27   |
| 4    | trans-(2-Ethylcyclopentyl)methyl... |   |              | 170 | C10H18O2 | 1000099-13-9 | 27   |
| 5    | Methyl ethyl cyclopentene           |   |              | 110 | C8H14    | 019780-56-4  | 18   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071123\  
Data File : BF134223.D  
Acq On : 11 Jul 2023 20:48  
Operator : CG\JU  
Sample : 03401-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DT-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

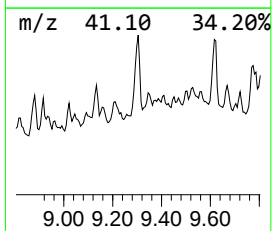
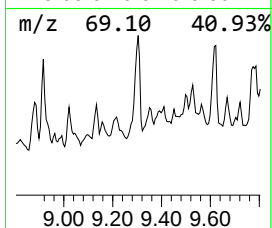
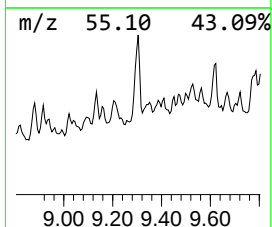
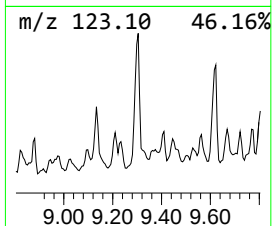
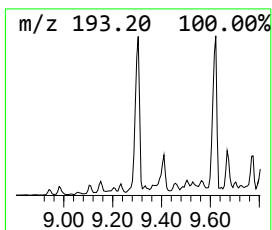
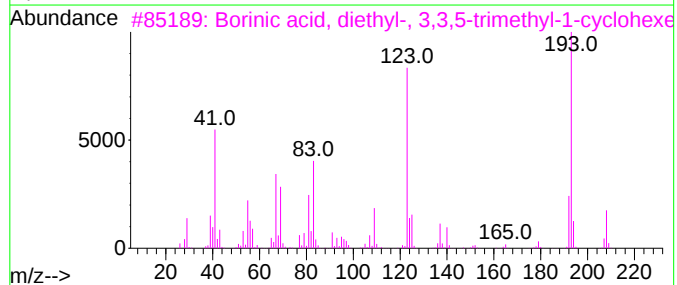
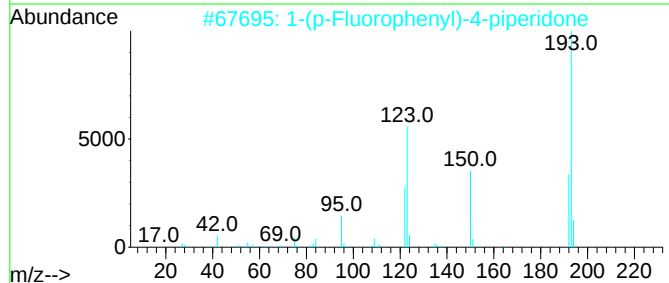
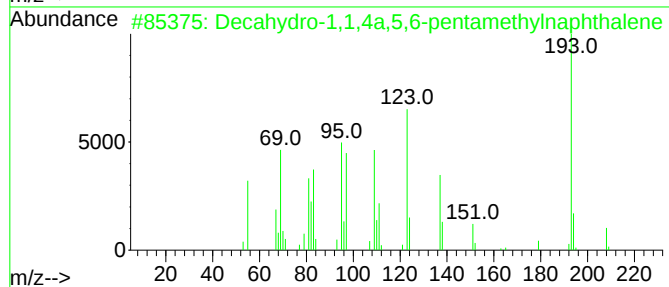
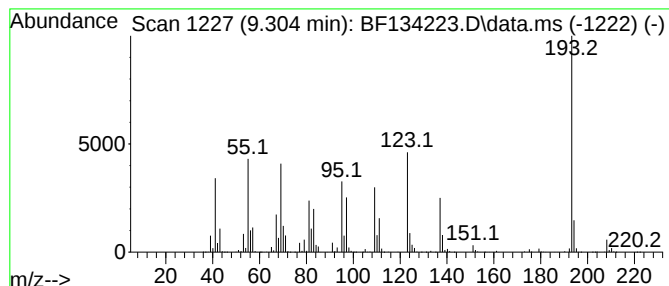
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 1

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.304 | 71.26 ng | 7069200 | Acenaphthene-d10 | 9.910 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Decahydro-1,1,4a,5,6-pentamethyl... | 208 | C15H28    | 080655-44-3  | 93   |
| 2    |      | 1-(p-Fluorophenyl)-4-piperidone     | 193 | C11H12FNO | 1000238-56-7 | 49   |
| 3    |      | Borinic acid, diethyl-, 3,3,5-tr... | 208 | C13H25BO  | 057387-76-5  | 40   |
| 4    |      | 2-Pentanone, 4-cyclohexylidene-3... | 222 | C15H26O   | 313253-65-5  | 40   |
| 5    |      | S-Phenyl 5-(phenylthio)pentaneth... | 302 | C17H18OS2 | 1000234-40-7 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071123\  
Data File : BF134223.D  
Acq On : 11 Jul 2023 20:48  
Operator : CG\JU  
Sample : 03401-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DT-02

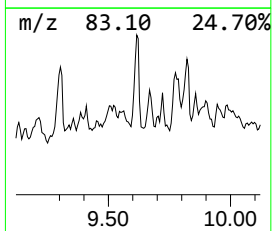
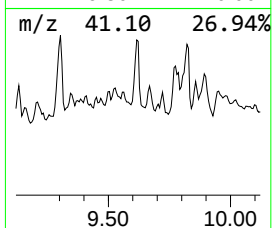
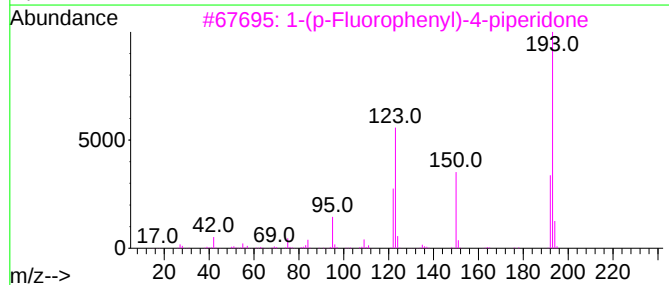
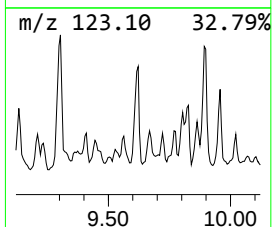
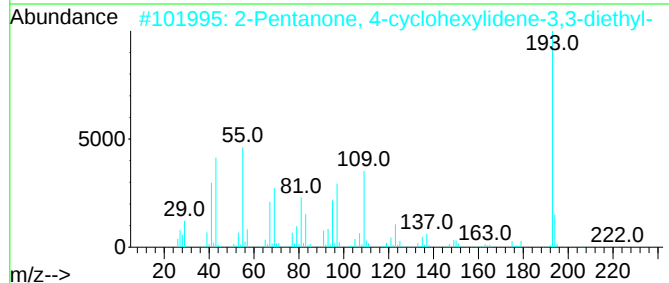
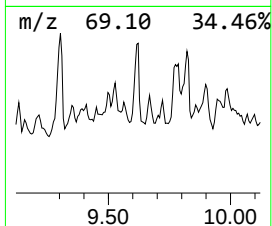
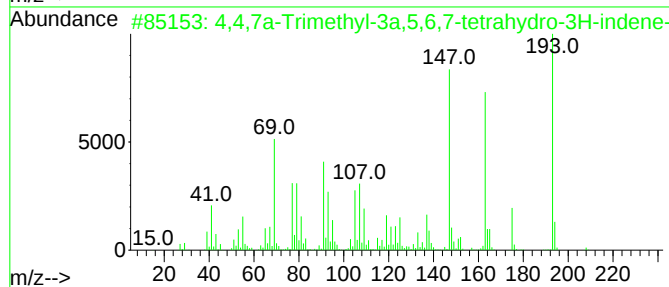
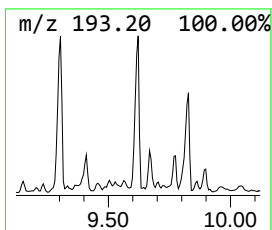
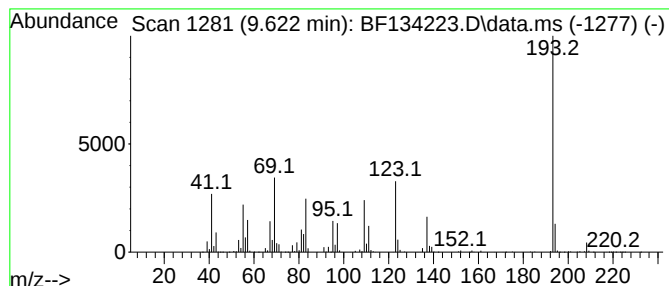
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 unknown9.622 Concentration Rank 3

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.622 | 45.64 ng | 4527090 | Acenaphthene-d10 | 9.910 |

| Hit# | of                                              | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 4,4,7a-Trimethyl-3a,5,6,7-tetrahydro-3H-indene- | 208 | C13H2002     | 1246094-76-7 | 42      |      |      |
| 2    | 2-Pentanone, 4-cyclohexylidene-3-               | 222 | C15H260      | 313253-65-5  | 42      |      |      |
| 3    | 1-(p-Fluorophenyl)-4-piperidone                 | 193 | C11H12FNO    | 1000238-56-7 | 40      |      |      |
| 4    | Borinic acid, diethyl-, 3,3,5-tri-              | 208 | C13H25BO     | 057387-76-5  | 40      |      |      |
| 5    | 1H-Indene, octahydro-2,2,4,4,7,7-               | 208 | C15H28       | 054832-83-6  | 39      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071123\  
Data File : BF134223.D  
Acq On : 11 Jul 2023 20:48  
Operator : CG\JU  
Sample : 03401-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DT-02

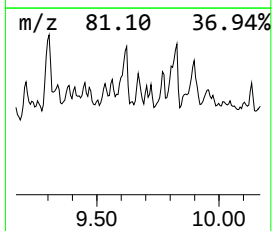
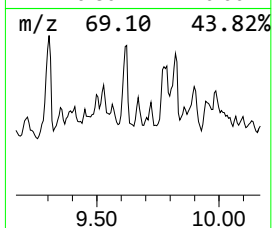
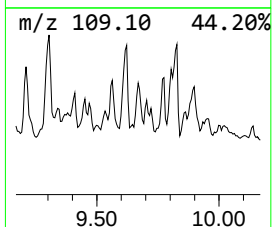
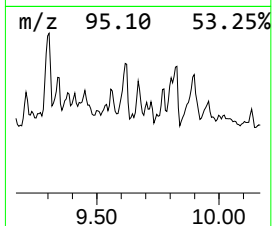
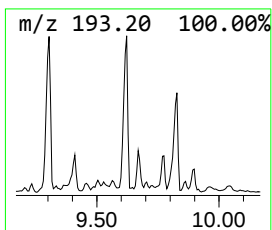
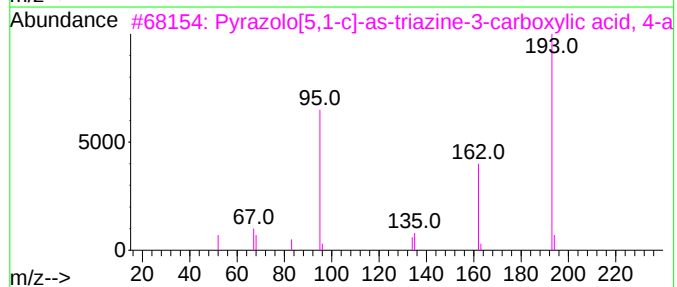
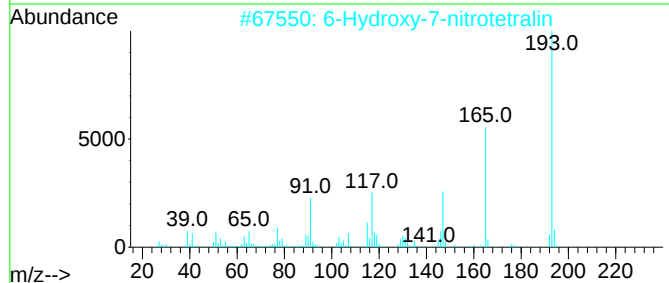
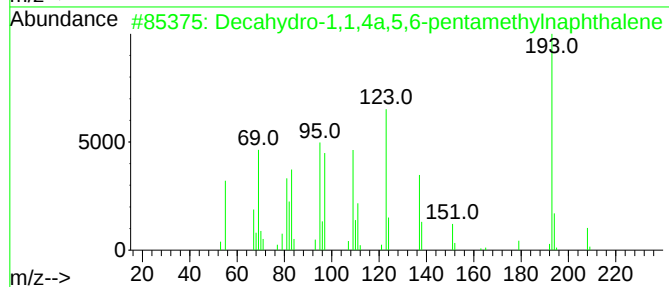
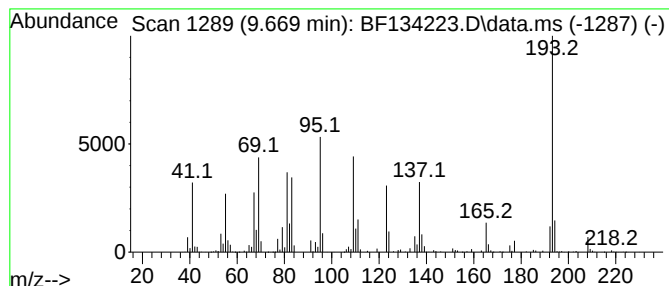
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 unknown9.669 Concentration Rank 15

| R.T.      | EstConc                             | Area    | Relative to ISTD |           |              | R.T.  |
|-----------|-------------------------------------|---------|------------------|-----------|--------------|-------|
| 9.669     | 16.53 ng                            | 1639930 | Acenaphthene-d10 |           |              | 9.910 |
| Hit# of 5 | Tentative ID                        |         | MW               | MolForm   | CAS#         | Qual  |
| 1         | Decahydro-1,1,4a,5,6-pentamethyl... |         | 208              | C15H28    | 080655-44-3  | 49    |
| 2         | 6-Hydroxy-7-nitrotetralin           |         | 193              | C10H11NO3 | 006240-79-5  | 38    |
| 3         | Pyrazolo[5,1-c]-as-triazine-3-ca... |         | 193              | C6H7N7O   | 016111-78-7  | 38    |
| 4         | 6-Methylphenanthridine              |         | 193              | C14H11N   | 003955-65-5  | 38    |
| 5         | Acetylene, 1-(2-aminophenyl)-2-p... |         | 193              | C14H11N   | 1000380-73-4 | 38    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071123\  
Data File : BF134223.D  
Acq On : 11 Jul 2023 20:48  
Operator : CG\JU  
Sample : 03401-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DT-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

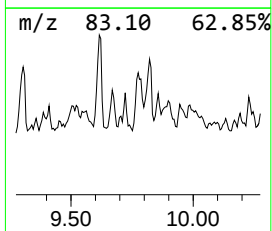
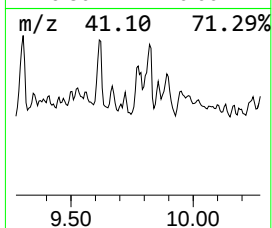
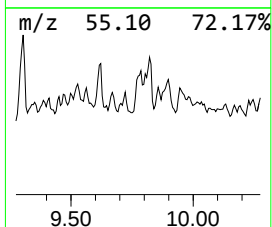
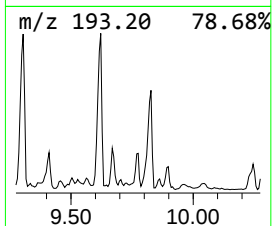
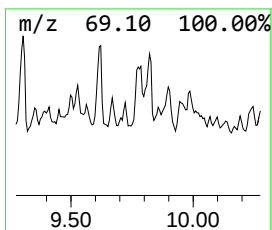
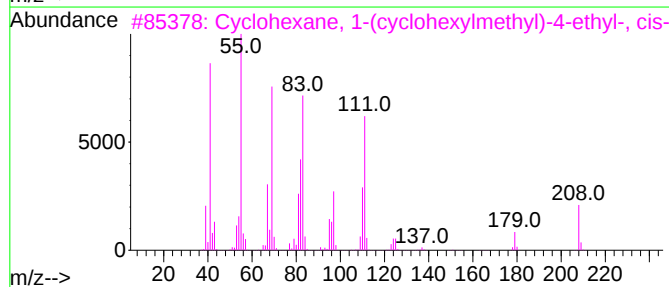
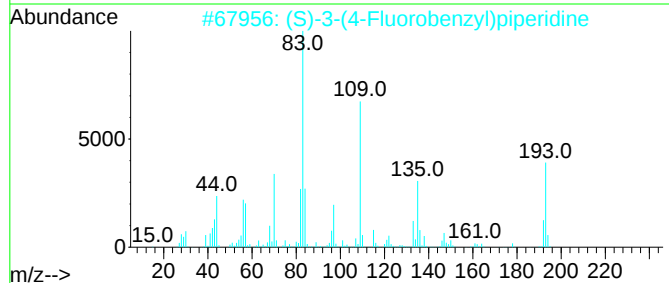
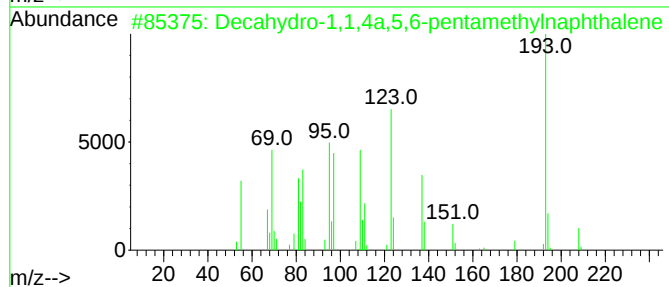
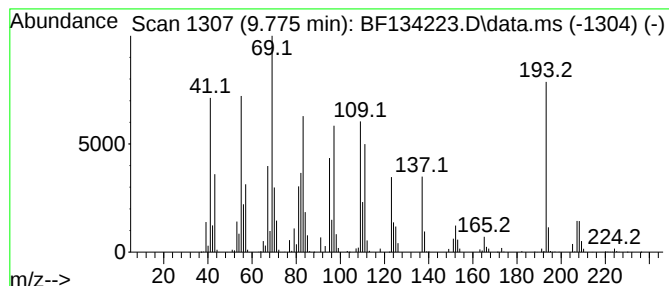
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 16 unknown9.775 Concentration Rank 6

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 9.775 | 35.62 ng | 3533130 | Acenaphthene-d10 | 9.910 |

| Hit# | of 5 | Tentative ID                         | MW  | MolForm   | CAS#        | Qual |
|------|------|--------------------------------------|-----|-----------|-------------|------|
| 1    |      | Decahydro-1,1,4a,5,6-pentamethyl...  | 208 | C15H28    | 080655-44-3 | 55   |
| 2    |      | (S)-3-(4-Fluorobenzyl)piperidine     | 193 | C12H16FN  | 275815-80-0 | 30   |
| 3    |      | Cyclohexane, 1-(cyclohexylmethyl)... | 208 | C15H28    | 054934-95-1 | 25   |
| 4    |      | 4-n-Hexylthiane, S,S-dioxide         | 218 | C11H22O2S | 070928-52-8 | 22   |
| 5    |      | 1-Hexyl-2-nitrocyclohexane           | 213 | C12H23NO2 | 118252-04-3 | 22   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071123\  
Data File : BF134223.D  
Acq On : 11 Jul 2023 20:48  
Operator : CG\JU  
Sample : 03401-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DT-02

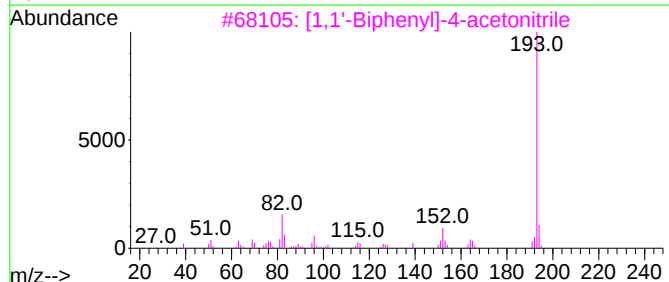
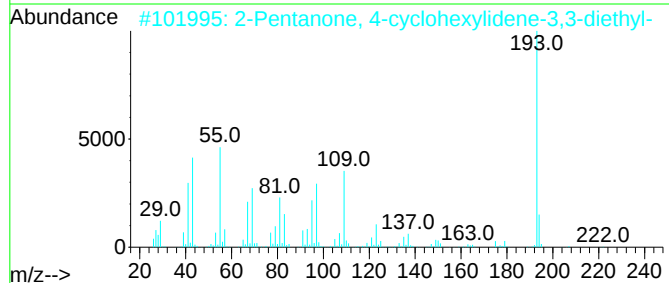
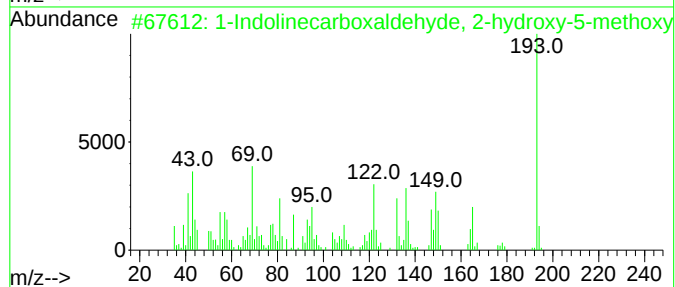
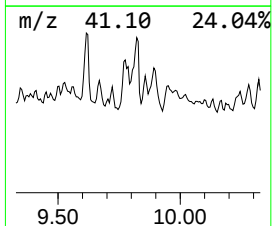
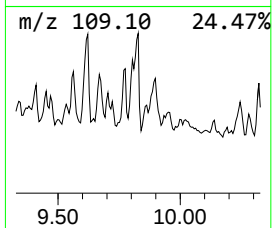
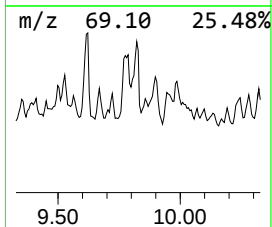
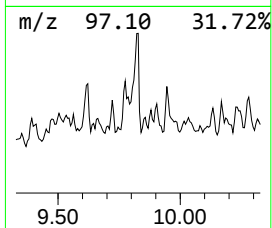
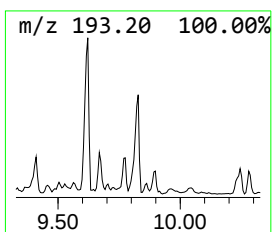
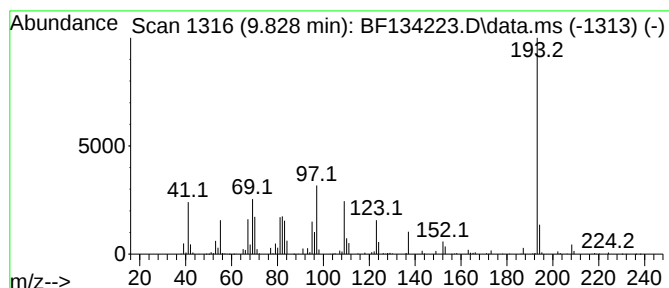
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 1-Indolinecarboxaldehyde, 2... Concentration Rank 5

| R.T.      | EstConc                             | Area    | Relative to ISTD |           |             | R.T.  |
|-----------|-------------------------------------|---------|------------------|-----------|-------------|-------|
| 9.828     | 37.81 ng                            | 3750460 | Acenaphthene-d10 |           |             | 9.910 |
| Hit# of 5 | Tentative ID                        |         | MW               | MolForm   | CAS#        | Qual  |
| 1         | 1-Indolinecarboxaldehyde, 2-hydr... |         | 193              | C10H11NO3 | 013303-70-3 | 50    |
| 2         | 2-Pentanone, 4-cyclohexylidene-3... |         | 222              | C15H26O   | 313253-65-5 | 50    |
| 3         | [1,1'-Biphenyl]-4-acetonitrile      |         | 193              | C14H11N   | 031603-77-7 | 43    |
| 4         | 6-Methylphenanthridine              |         | 193              | C14H11N   | 003955-65-5 | 43    |
| 5         | Acridine, 9-methyl-                 |         | 193              | C14H11N   | 000611-64-3 | 43    |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071123\  
Data File : BF134223.D  
Acq On : 11 Jul 2023 20:48  
Operator : CG\JU  
Sample : 03401-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DT-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

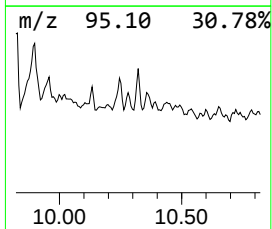
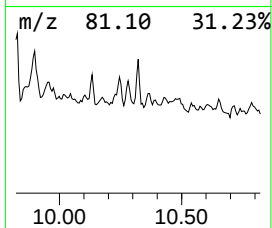
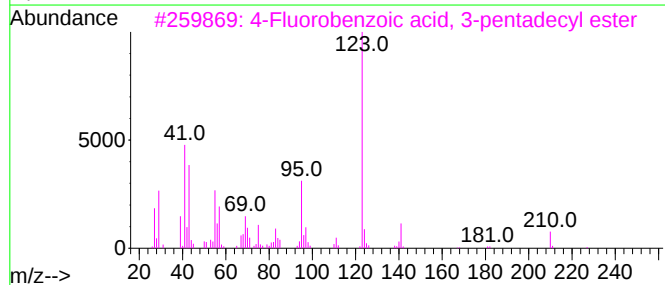
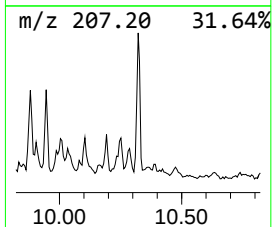
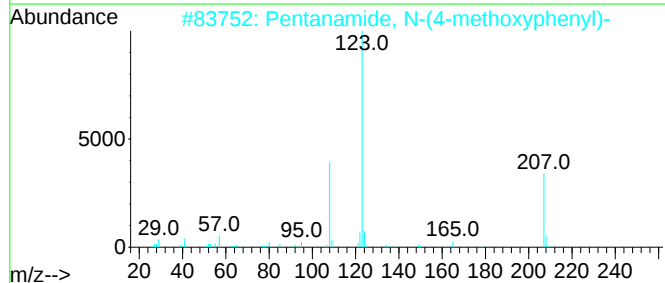
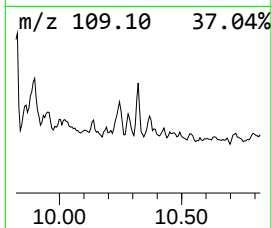
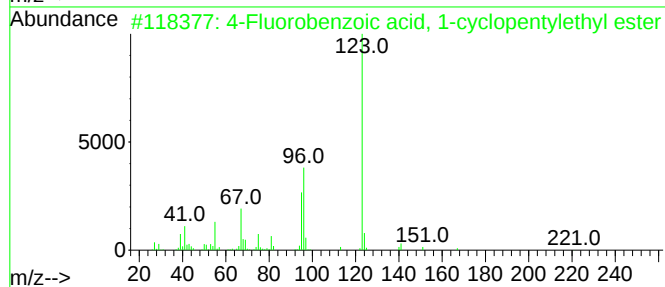
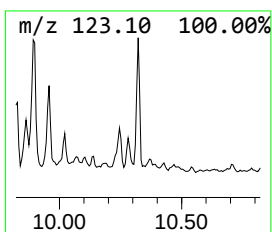
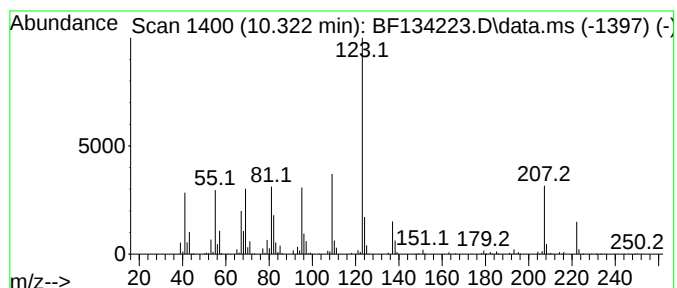
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 unknown10.322 Concentration Rank 17

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.  |
|--------|----------|---------|------------------|-------|
| 10.322 | 15.94 ng | 1580730 | Acenaphthene-d10 | 9.910 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm    | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 4-Fluorobenzoic acid, 1-cyclopent... | 236 | C14H17F02  | 1000279-05-8 | 47   |
| 2    |    |   | Pentanamide, N-(4-methoxyphenyl)-    | 207 | C12H17N02  | 1000306-89-3 | 46   |
| 3    |    |   | 4-Fluorobenzoic acid, 3-pentadec...  | 350 | C22H35F02  | 1000280-68-4 | 43   |
| 4    |    |   | 2-Bromo-2'-fluoroacetophenone        | 216 | C8H6BrFO   | 000655-15-2  | 43   |
| 5    |    |   | 3,3,5,5-Tetramethylcyclohexyl me...  | 236 | C11H22F02P | 1000298-38-5 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071123\  
Data File : BF134223.D  
Acq On : 11 Jul 2023 20:48  
Operator : CG\JU  
Sample : 03401-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DT-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

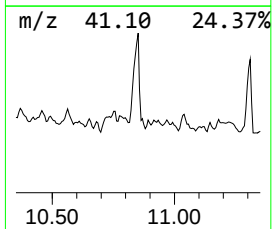
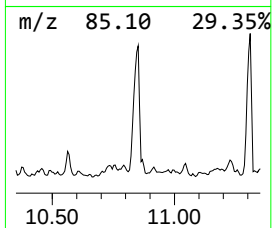
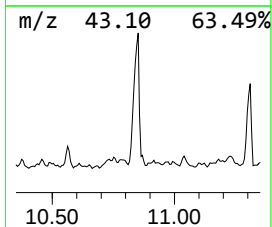
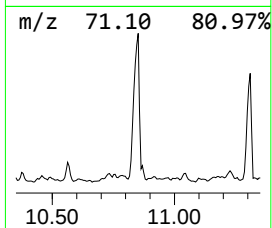
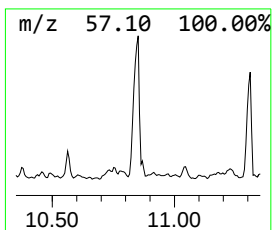
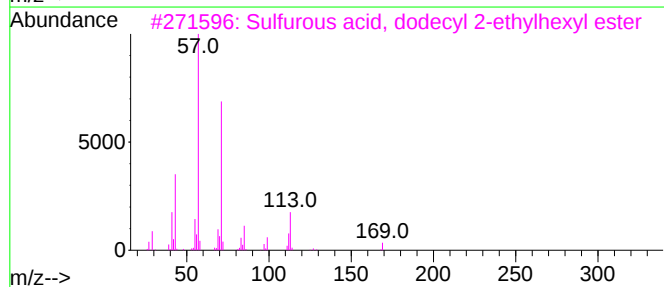
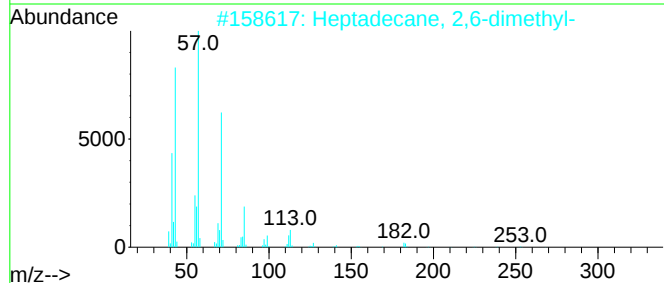
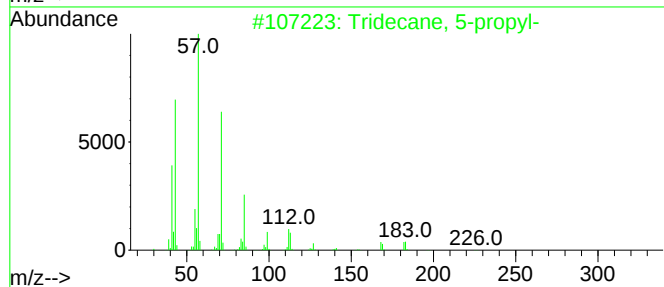
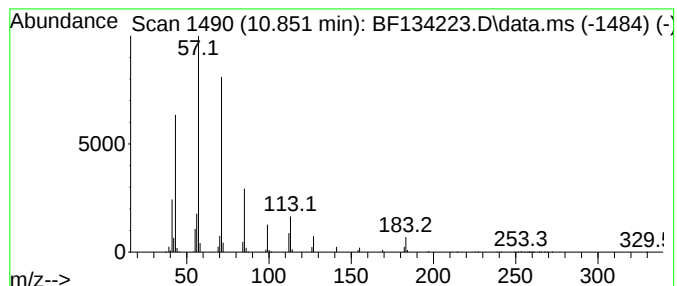
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Tridecane, 5-propyl- Concentration Rank 8

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 10.851 | 28.83 ng | 7249750 | Phenanthrene-d10 | 11.404 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|------|-------------------------------------|-----|-----------|--------------|------|
| 1    |      | Tridecane, 5-propyl-                | 226 | C16H34    | 055045-11-9  | 86   |
| 2    |      | Heptadecane, 2,6-dimethyl-          | 268 | C19H40    | 054105-67-8  | 72   |
| 3    |      | Sulfurous acid, dodecyl 2-ethylh... | 362 | C20H42O3S | 1000309-19-5 | 72   |
| 4    |      | Dodecane, 2,7,10-trimethyl-         | 212 | C15H32    | 074645-98-0  | 64   |
| 5    |      | Sulfurous acid, nonyl 2-propyl e... | 250 | C12H26O3S | 1000309-12-0 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071123\  
Data File : BF134223.D  
Acq On : 11 Jul 2023 20:48  
Operator : CG\JU  
Sample : 03401-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DT-02

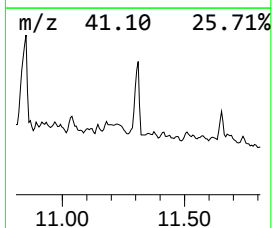
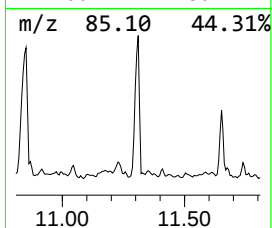
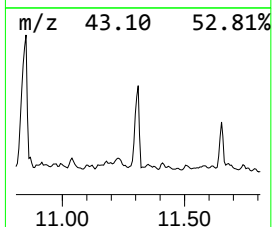
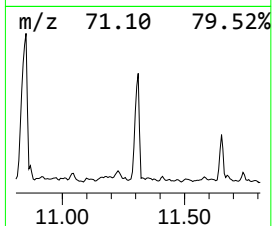
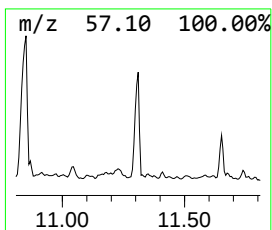
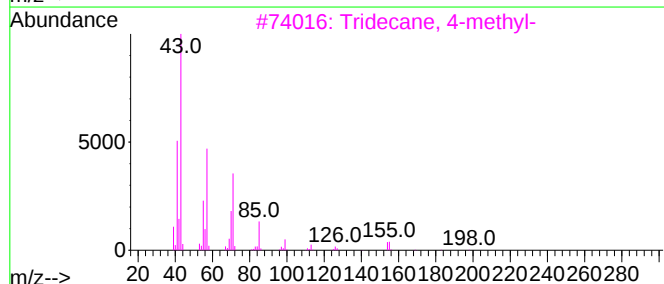
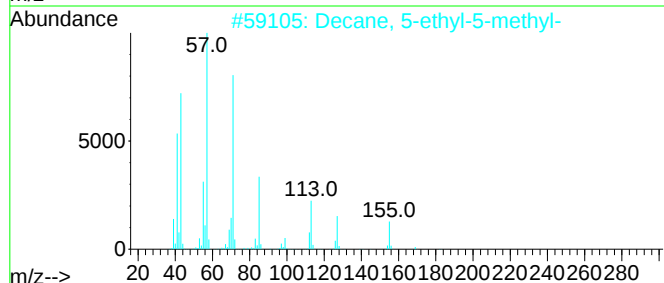
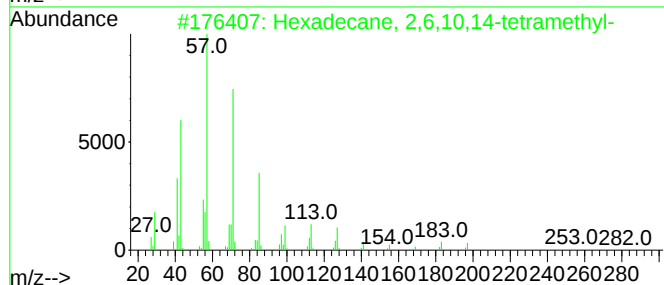
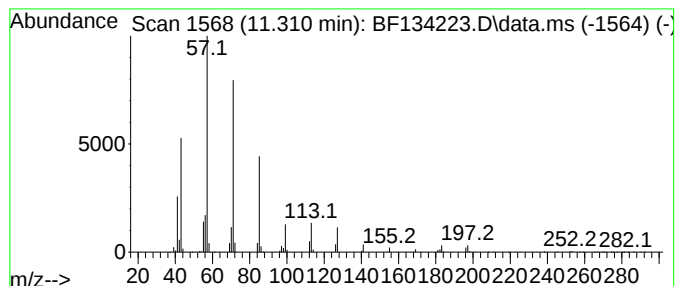
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 20 Hexadecane, 2,6,10,14-tetra... Concentration Rank 12

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 11.310    | 20.00 ng                            | 5030040 | Phenanthrene-d10 | 11.404       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | Hexadecane, 2,6,10,14-tetramethyl-  | 282     | C20H42           | 000638-36-8  | 83   |
| 2         | Decane, 5-ethyl-5-methyl-           | 184     | C13H28           | 017312-74-2  | 64   |
| 3         | Tridecane, 4-methyl-                | 198     | C14H30           | 026730-12-1  | 64   |
| 4         | Sulfurous acid, 2-ethylhexyl hex... | 278     | C14H30O3S        | 1000309-20-2 | 64   |
| 5         | Dodecane, 2,7,10-trimethyl-         | 212     | C15H32           | 074645-98-0  | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071123\  
Data File : BF134223.D  
Acq On : 11 Jul 2023 20:48  
Operator : CG\JU  
Sample : 03401-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
DT-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062623.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...  | 2.134  | 40.0    | ng    | 1317300  | 1                     | 6.840  | 658436  | 20.0 |
| Cyclohexane, 2-...  | 8.328  | 17.0    | ng    | 1014490  | 2                     | 8.122  | 1192900 | 20.0 |
| (1,2,4-Trimethy...  | 8.487  | 16.5    | ng    | 983790   | 2                     | 8.122  | 1192900 | 20.0 |
| 4-Nonene, 5-butyl-  | 8.516  | 13.2    | ng    | 785081   | 2                     | 8.122  | 1192900 | 20.0 |
| Cyclohexane, 1,...  | 8.575  | 26.2    | ng    | 1563120  | 2                     | 8.122  | 1192900 | 20.0 |
| 1,3-Dimethyl-5-...  | 8.592  | 21.6    | ng    | 1287370  | 2                     | 8.122  | 1192900 | 20.0 |
| unknown8.634        | 8.634  | 14.7    | ng    | 876202   | 2                     | 8.122  | 1192900 | 20.0 |
| Cyclopentane, (...) | 8.675  | 48.8    | ng    | 2910480  | 2                     | 8.122  | 1192900 | 20.0 |
| unknown8.881        | 8.881  | 29.3    | ng    | 1745890  | 2                     | 8.122  | 1192900 | 20.0 |
| 4-Nonene, 2,3,3...  | 8.916  | 22.4    | ng    | 1334380  | 2                     | 8.122  | 1192900 | 20.0 |
| unknown9.022        | 9.022  | 13.0    | ng    | 1285380  | 3                     | 9.910  | 1983950 | 20.0 |
| unknown9.134        | 9.134  | 19.0    | ng    | 1881890  | 3                     | 9.910  | 1983950 | 20.0 |
| Decahydro-1,1,4...  | 9.304  | 71.3    | ng    | 7069200  | 3                     | 9.910  | 1983950 | 20.0 |
| unknown9.622        | 9.622  | 45.6    | ng    | 4527090  | 3                     | 9.910  | 1983950 | 20.0 |
| unknown9.669        | 9.669  | 16.5    | ng    | 1639930  | 3                     | 9.910  | 1983950 | 20.0 |
| unknown9.775        | 9.775  | 35.6    | ng    | 3533130  | 3                     | 9.910  | 1983950 | 20.0 |
| 1-Indolinecarbo...  | 9.828  | 37.8    | ng    | 3750460  | 3                     | 9.910  | 1983950 | 20.0 |
| unknown10.322       | 10.322 | 15.9    | ng    | 1580730  | 3                     | 9.910  | 1983950 | 20.0 |
| Tridecane, 5-pr...  | 10.851 | 28.8    | ng    | 7249750  | 4                     | 11.404 | 5030040 | 20.0 |
| Hexadecane, 2,6...  | 11.310 | 20.0    | ng    | 5030040  | 4                     | 11.404 | 5030040 | 20.0 |