

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071222\  
 Data File : BF129188.D  
 Acq On : 12 Jul 2022 14:33  
 Operator : CG\JU  
 Sample : N3662-04  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20220497B-SIM/C3B-COMPOSITE

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-BF062922.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129188.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         | 2.322       | 3             | 6           | 13           | rVB      | 3355667        | 4055879       | 55.36%          | 7.163%        |
| 2         | 5.198       | 492           | 495         | 504          | rVB      | 74313          | 93523         | 1.28%           | 0.165%        |
| 3         | 5.569       | 552           | 558         | 561          | rBV      | 6595497        | 7124632       | 97.24%          | 12.582%       |
| 4         | 6.216       | 665           | 668         | 674          | rVB2     | 171225         | 165732        | 2.26%           | 0.293%        |
| 5         | 6.563       | 720           | 727         | 729          | rBV      | 5979434        | 7326657       | 100.00%         | 12.939%       |
| 6         | 6.634       | 736           | 739         | 742          | rVB      | 109635         | 86778         | 1.18%           | 0.153%        |
| 7         | 6.669       | 742           | 745         | 750          | rBV      | 90881          | 84595         | 1.15%           | 0.149%        |
| 8         | 6.934       | 786           | 790         | 793          | rBV      | 2263278        | 1815078       | 24.77%          | 3.205%        |
| 9         | 7.045       | 805           | 809         | 812          | rBV      | 739072         | 623082        | 8.50%           | 1.100%        |
| 10        | 7.498       | 880           | 886         | 889          | rVB      | 4521764        | 4585226       | 62.58%          | 8.098%        |
| 11        | 7.563       | 894           | 897         | 902          | rBV3     | 61763          | 89000         | 1.21%           | 0.157%        |
| 12        | 8.216       | 1001          | 1008        | 1011         | rBV      | 2842207        | 2548041       | 34.78%          | 4.500%        |
| 13        | 8.416       | 1035          | 1042        | 1049         | rBV7     | 42547          | 76152         | 1.04%           | 0.134%        |
| 14        | 8.628       | 1075          | 1078        | 1080         | rBV      | 130856         | 107745        | 1.47%           | 0.190%        |
| 15        | 9.080       | 1153          | 1155        | 1159         | rBV3     | 54564          | 80171         | 1.09%           | 0.142%        |
| 16        | 9.228       | 1177          | 1180        | 1183         | rVB      | 172167         | 132757        | 1.81%           | 0.234%        |
| 17        | 9.292       | 1185          | 1191        | 1194         | rBV      | 7612763        | 7139158       | 97.44%          | 12.608%       |
| 18        | 9.369       | 1199          | 1204        | 1206         | rBV3     | 90706          | 125120        | 1.71%           | 0.221%        |
| 19        | 9.680       | 1253          | 1257        | 1260         | rBV      | 308687         | 271124        | 3.70%           | 0.479%        |
| 20        | 9.833       | 1280          | 1283        | 1286         | rBV      | 90508          | 87445         | 1.19%           | 0.154%        |
| 21        | 9.880       | 1286          | 1291        | 1294         | rVV3     | 95507          | 118932        | 1.62%           | 0.210%        |
| 22        | 9.975       | 1301          | 1307        | 1310         | rVB      | 2903001        | 2494197       | 34.04%          | 4.405%        |
| 23        | 10.216      | 1345          | 1348        | 1352         | rVB2     | 76162          | 84606         | 1.15%           | 0.149%        |
| 24        | 10.380      | 1372          | 1376        | 1380         | rBV5     | 87674          | 108368        | 1.48%           | 0.191%        |
| 25        | 10.610      | 1412          | 1415        | 1418         | rBV      | 192321         | 179149        | 2.45%           | 0.316%        |
| 26        | 10.769      | 1434          | 1442        | 1445         | rBV      | 4624387        | 4356710       | 59.46%          | 7.694%        |
| 27        | 10.880      | 1457          | 1461        | 1468         | rVB      | 409270         | 438424        | 5.98%           | 0.774%        |
| 28        | 11.345      | 1536          | 1540        | 1546         | rVB2     | 235055         | 264395        | 3.61%           | 0.467%        |
| 29        | 11.469      | 1557          | 1561        | 1563         | rBV      | 2513152        | 2263640       | 30.90%          | 3.998%        |
| 30        | 11.486      | 1563          | 1564        | 1569         | rVV      | 150192         | 132930        | 1.81%           | 0.235%        |
| 31        | 11.533      | 1569          | 1572        | 1575         | rVB2     | 65093          | 84233         | 1.15%           | 0.149%        |
| 32        | 11.692      | 1597          | 1599        | 1602         | rBV2     | 84101          | 80527         | 1.10%           | 0.142%        |
| 33        | 11.845      | 1622          | 1625        | 1628         | rVB      | 164605         | 131858        | 1.80%           | 0.233%        |
| 34        | 11.974      | 1644          | 1647        | 1649         | rBV2     | 124623         | 142092        | 1.94%           | 0.251%        |
| 35        | 12.680      | 1764          | 1767        | 1770         | rBV      | 233367         | 189608        | 2.59%           | 0.335%        |
| 36        | 12.721      | 1771          | 1774        | 1776         | rVB2     | 115513         | 106133        | 1.45%           | 0.187%        |

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Sample : N3662-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
20220497B-SIM/C3B-COMPOSITE

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-BF062922.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |     |         |         |        |        |
|----|--------|------|------|------|-----|---------|---------|--------|--------|
| 37 | 12.910 | 1804 | 1806 | 1809 | rBV | 191639  | 149168  | 2.04%  | 0.263% |
| 38 | 13.057 | 1826 | 1831 | 1834 | rVB | 5341463 | 5107288 | 69.71% | 9.020% |
| 39 | 14.115 | 2007 | 2011 | 2014 | rBV | 1361693 | 1370302 | 18.70% | 2.420% |
| 40 | 14.204 | 2021 | 2026 | 2032 | rBV | 742199  | 816300  | 11.14% | 1.442% |
| 41 | 15.627 | 2263 | 2268 | 2279 | rVB | 1054105 | 1387842 | 18.94% | 2.451% |

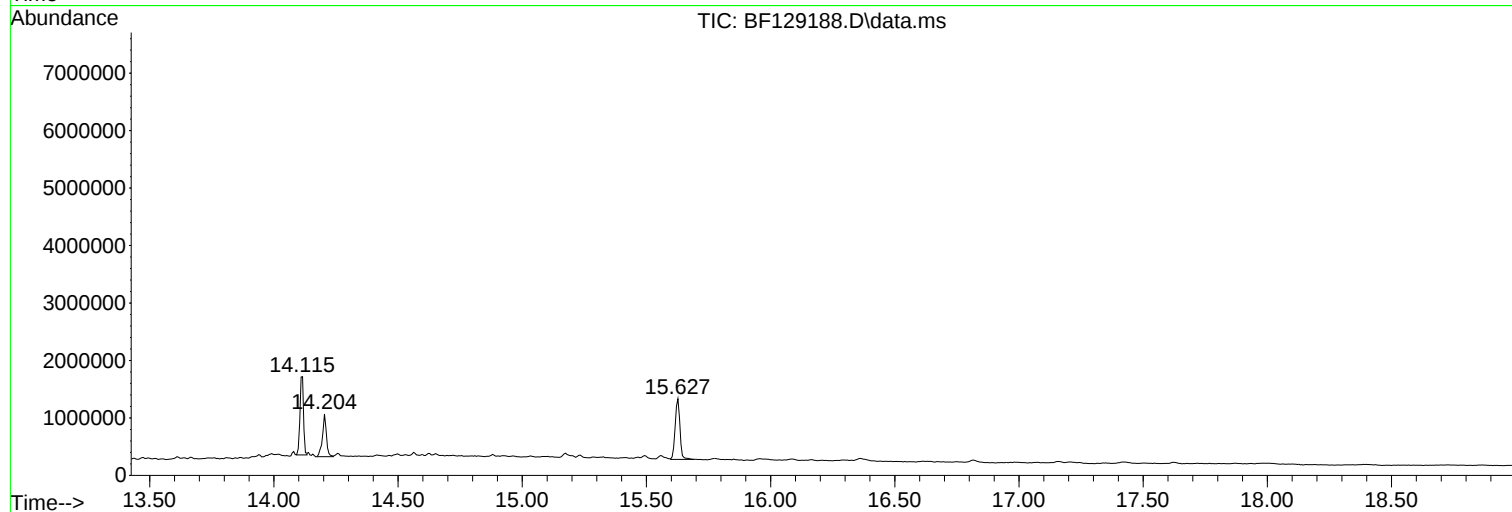
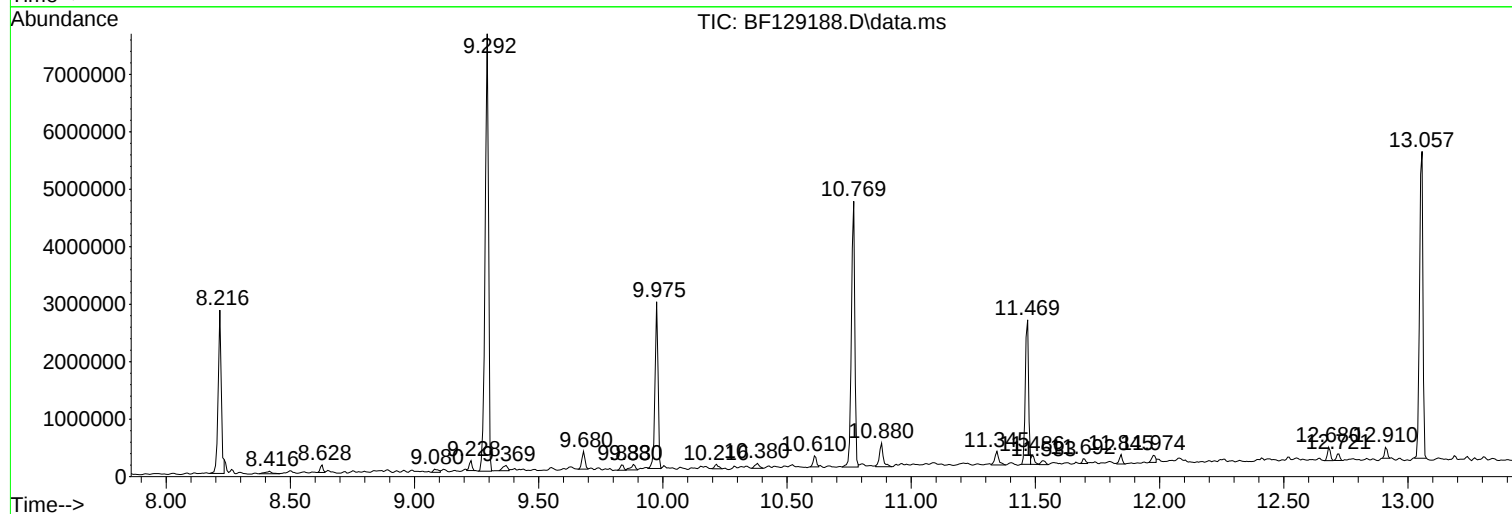
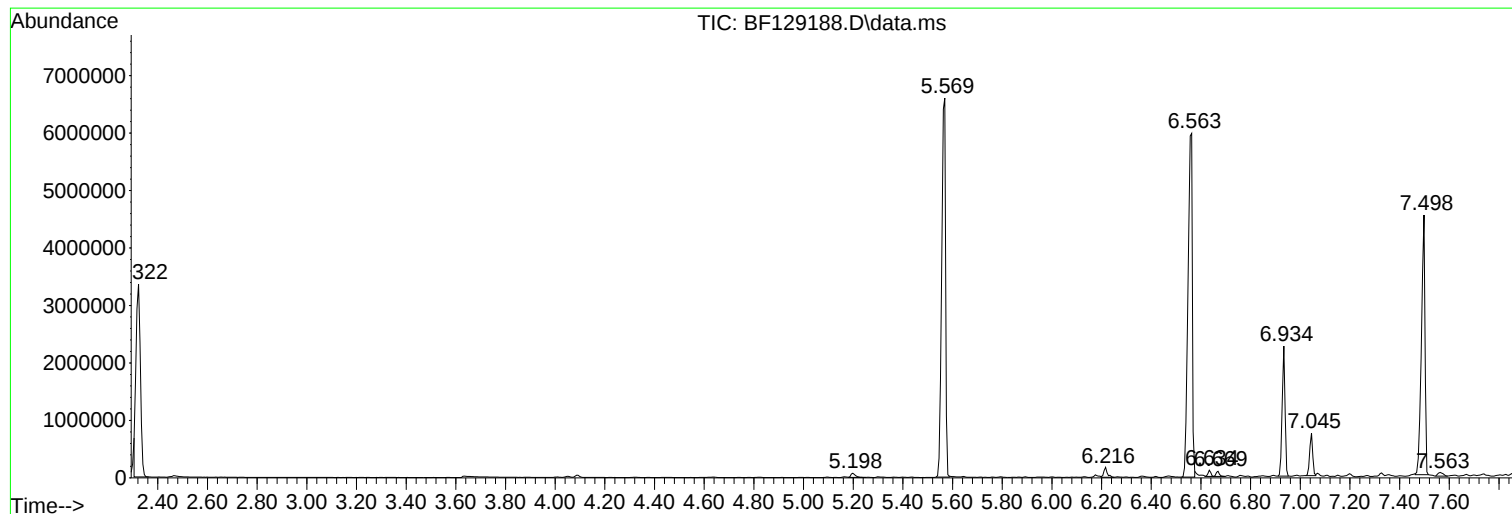
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Data File : BF129188.D  
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Sample : N3662-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
20220497B-SIM/C3B-COMPOSITE

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062922.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\BF071222\  
Data File : BF129188.D  
Acq On : 12 Jul 2022 14:33  
Operator : CG\JU  
Sample : N3662-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
20220497B-SIM/C3B-COMPOSITE

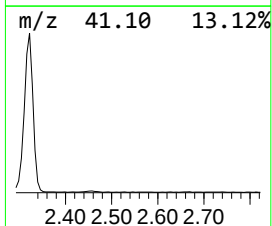
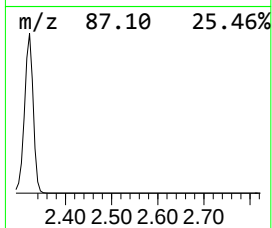
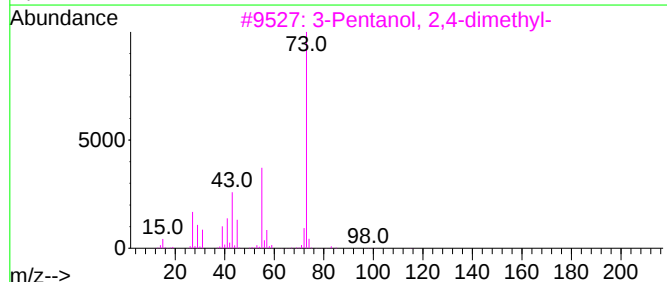
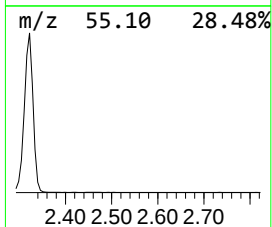
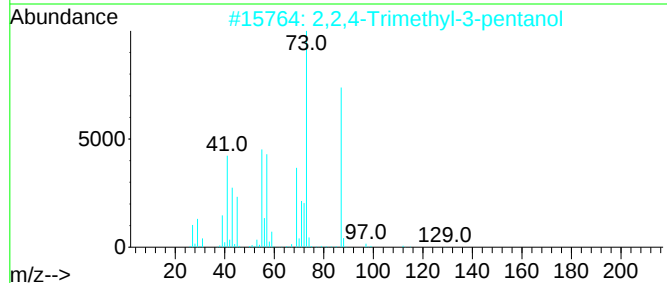
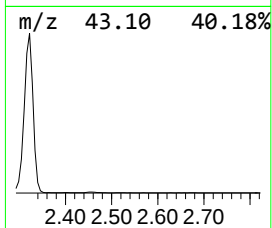
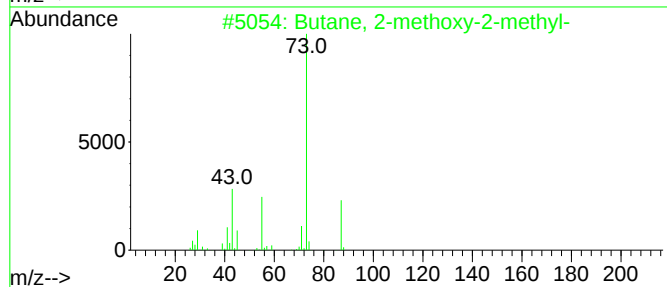
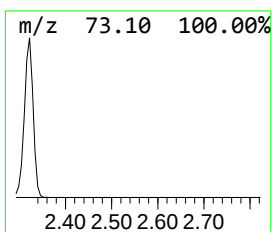
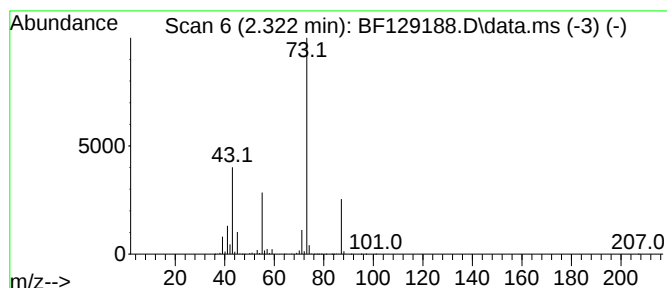
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 2.322 | 44.69 ng | 4055880 | 1,4-Dichlorobenzene-d4 | 6.934 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 3    |    |   | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 37   |
| 4    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 25   |
| 5    |    |   | Pentane, 3-methoxy-         | 102 | C6H14O  | 036839-67-5 | 12   |



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ALS Vial : 7 Sample Multiplier: 1

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BNA\_F  
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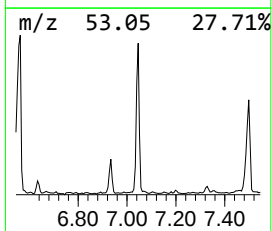
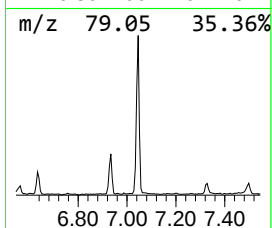
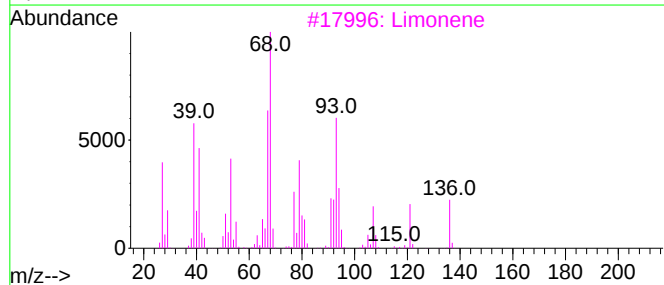
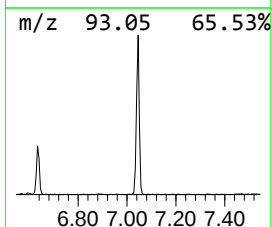
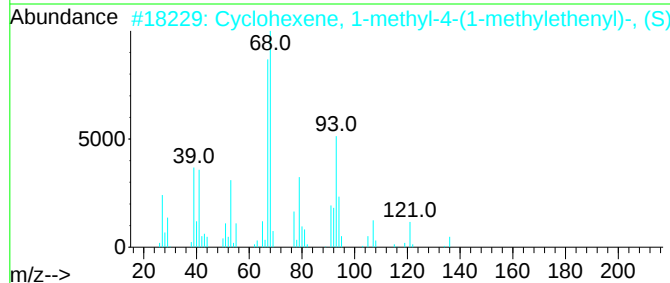
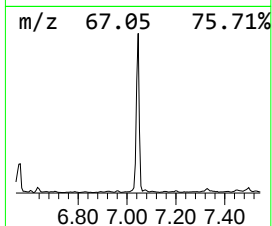
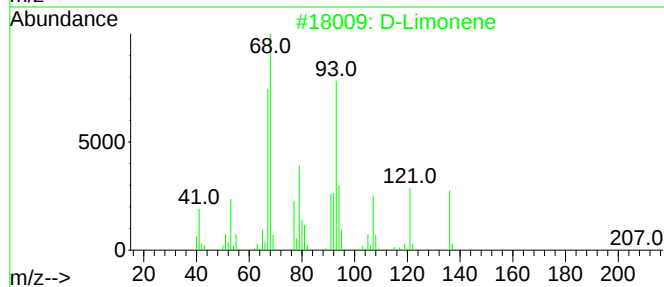
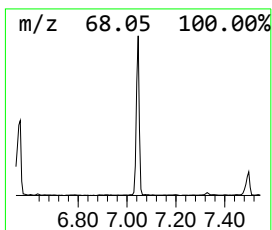
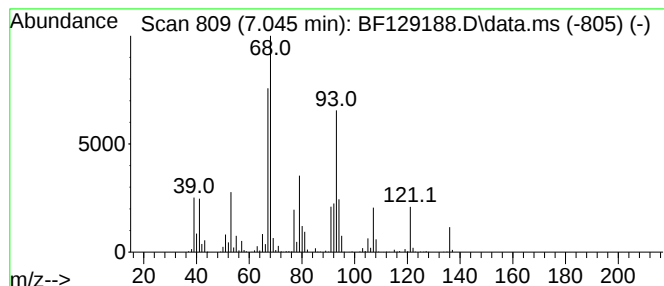
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 D-Limonene Concentration Rank 3

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 7.045 | 6.87 ng | 623082 | 1,4-Dichlorobenzene-d4 | 6.934 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | D-Limonene                          | 136 | C10H16   | 005989-27-5 | 98   |
| 2    |    |   | Cyclohexene, 1-methyl-4-(1-methy... | 136 | C10H16   | 005989-54-8 | 95   |
| 3    |    |   | Limonene                            | 136 | C10H16   | 000138-86-3 | 87   |
| 4    |    |   | Cyclohexene, 1-methyl-5-(1-methy... | 136 | C10H16   | 013898-73-2 | 81   |
| 5    |    |   | Cyclohexanol, 1-methyl-4-(1-meth... | 196 | C12H20O2 | 010198-23-9 | 80   |



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Sample : N3662-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
20220497B-SIM/C3B-COMPOSITE

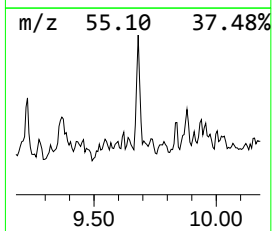
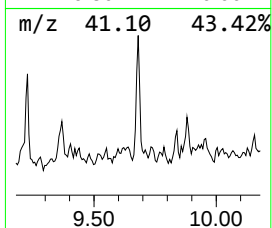
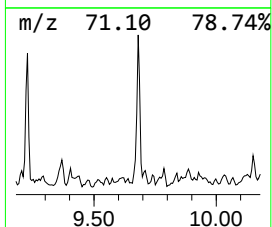
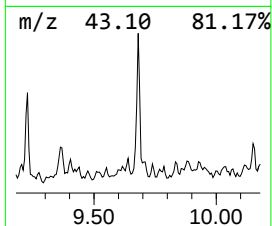
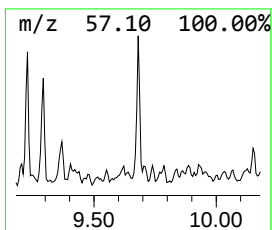
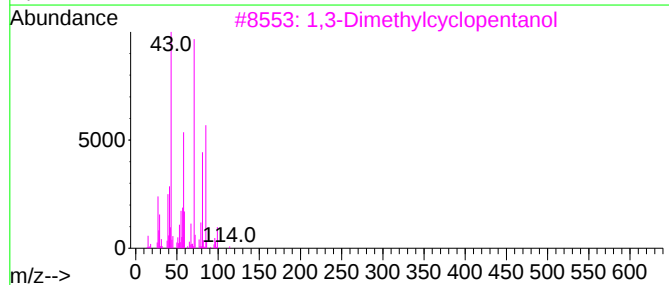
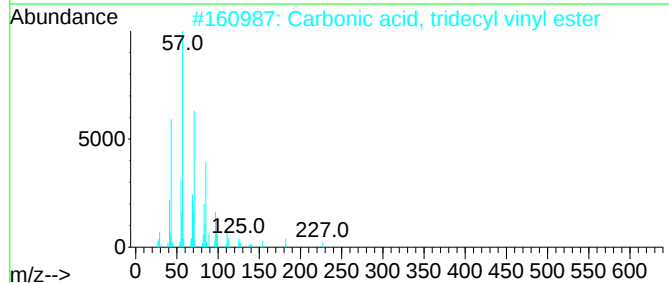
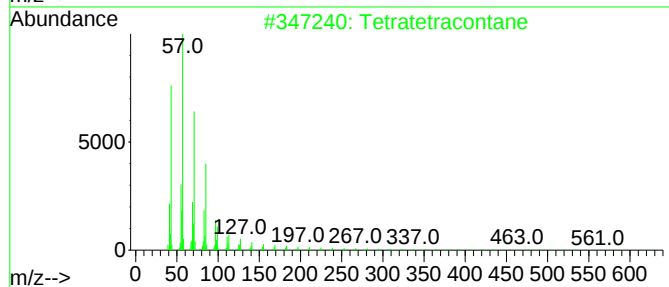
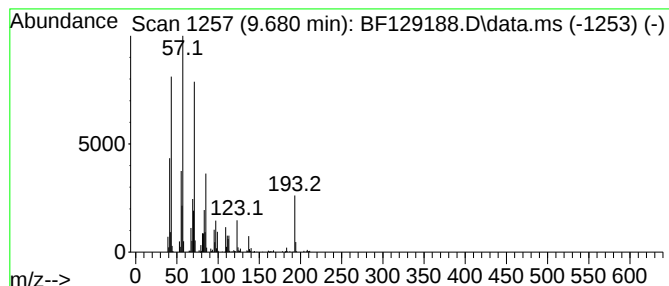
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Tetratetracontane Concentration Rank 6

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.680 | 2.17 ng | 271124 | Acenaphthene-d10 | 9.975 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Tetratetracontane                   | 619 | C44H90   | 007098-22-8  | 58   |
| 2    |    |   | Carbonic acid, tridecyl vinyl ester | 270 | C16H30O3 | 1000382-54-7 | 58   |
| 3    |    |   | 1,3-Dimethylcyclopentanol           | 114 | C7H14O   | 019550-46-0  | 53   |
| 4    |    |   | 3-Ethyl-2,6,10-trimethylundecane    | 226 | C16H34   | 1000432-25-9 | 52   |
| 5    |    |   | Decane, 5-propyl-                   | 184 | C13H28   | 017312-62-8  | 52   |



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Sample : N3662-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
20220497B-SIM/C3B-COMPOSITE

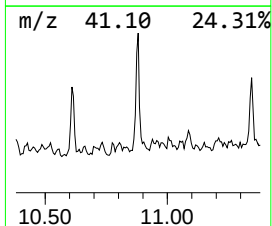
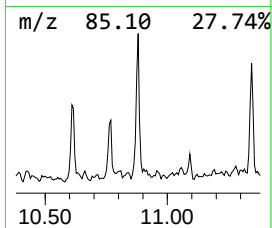
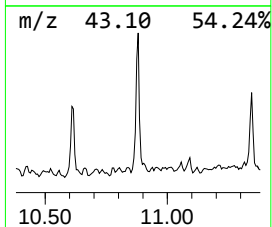
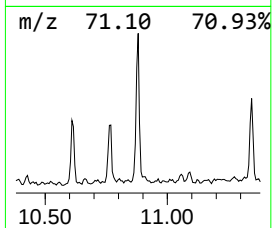
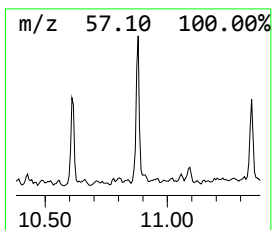
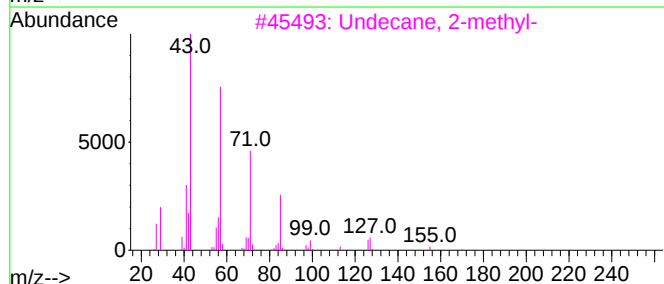
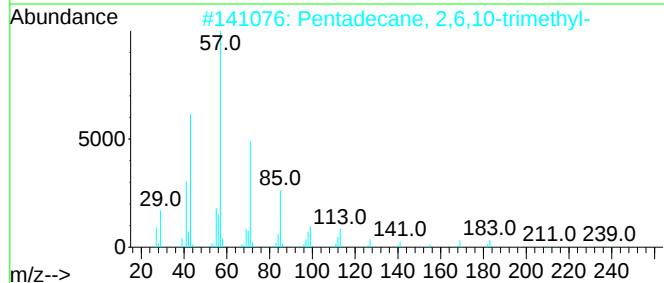
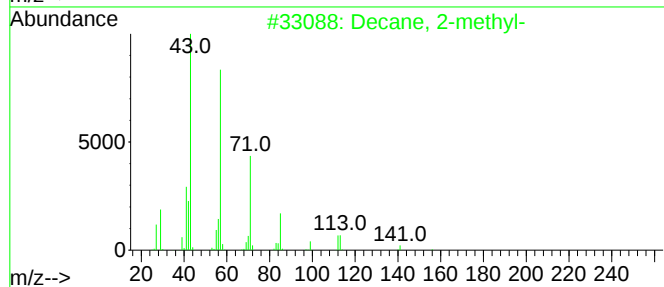
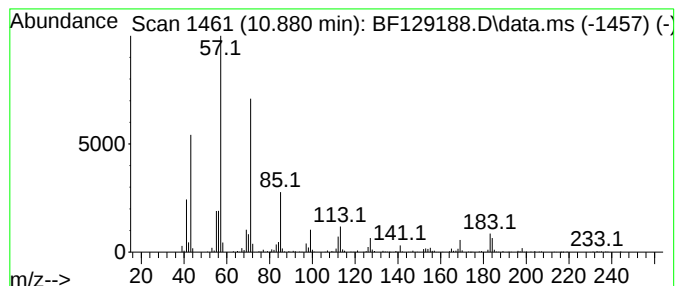
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 Decane, 2-methyl- Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 10.880 | 3.87 ng | 438424 | Phenanthrene-d10 | 11.469 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Decane, 2-methyl-              | 156 | C11H24  | 006975-98-0 | 87   |
| 2    |    |   | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38  | 003892-00-0 | 86   |
| 3    |    |   | Undecane, 2-methyl-            | 170 | C12H26  | 007045-71-8 | 74   |
| 4    |    |   | Tridecane, 5-propyl-           | 226 | C16H34  | 055045-11-9 | 72   |
| 5    |    |   | Dodecane, 2,7,10-trimethyl-    | 212 | C15H32  | 074645-98-0 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071222\  
Data File : BF129188.D  
Acq On : 12 Jul 2022 14:33  
Operator : CG\JU  
Sample : N3662-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

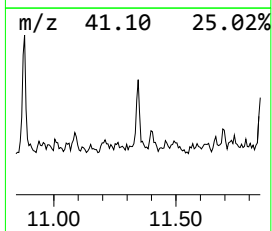
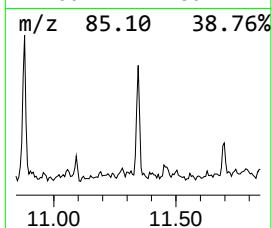
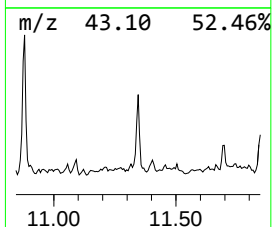
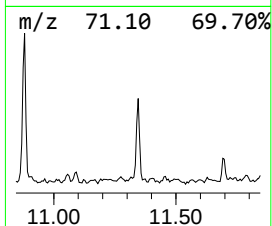
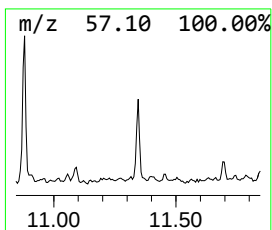
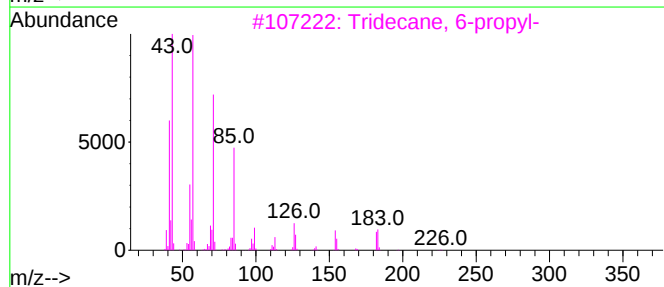
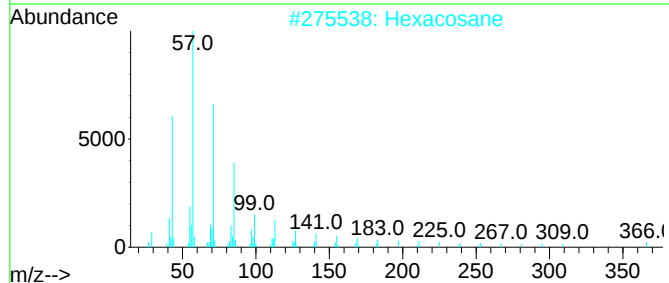
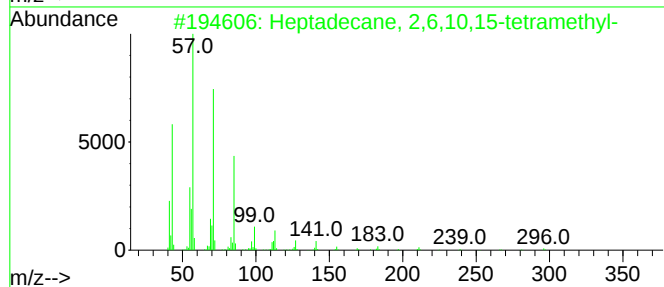
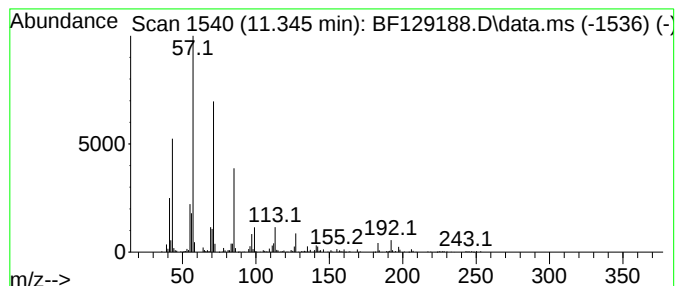
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BNA\_F  
ClientSampleId :  
20220497B-SIM/C3B-COMPOSITE

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062922.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 5 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD |             | R.T.   |
|-----------|-------------------------------------|--------|------------------|-------------|--------|
| 11.345    | 2.34 ng                             | 264395 | Phenanthrene-d10 |             | 11.469 |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual   |
| 1         | Heptadecane, 2,6,10,15-tetramethyl- | 296    | C21H44           | 054833-48-6 | 87     |
| 2         | Hexacosane                          | 366    | C26H54           | 000630-01-3 | 86     |
| 3         | Tridecane, 6-propyl-                | 226    | C16H34           | 055045-10-8 | 80     |
| 4         | Tridecane                           | 184    | C13H28           | 000629-50-5 | 80     |
| 5         | Hexadecane                          | 226    | C16H34           | 000544-76-3 | 74     |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071222\  
Data File : BF129188.D  
Acq On : 12 Jul 2022 14:33  
Operator : CG\JU  
Sample : N3662-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
20220497B-SIM/C3B-COMPOSITE

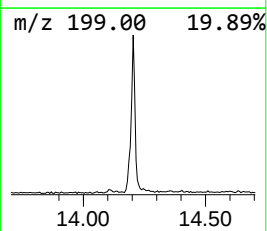
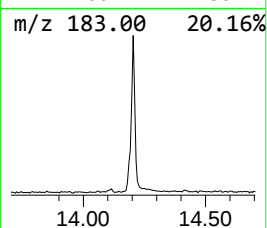
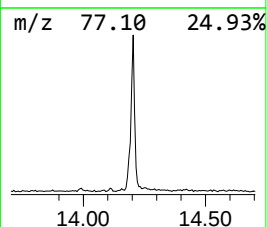
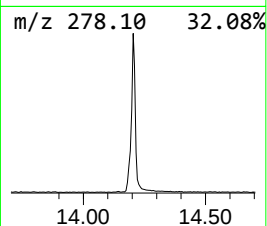
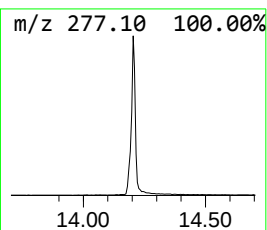
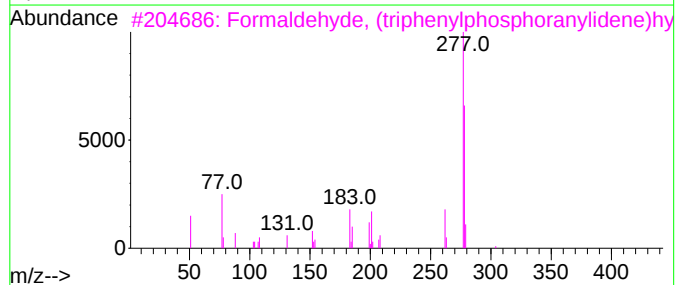
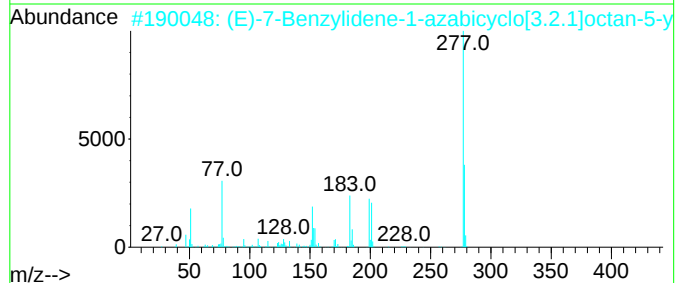
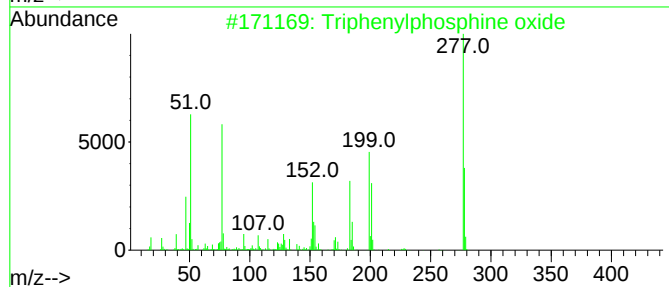
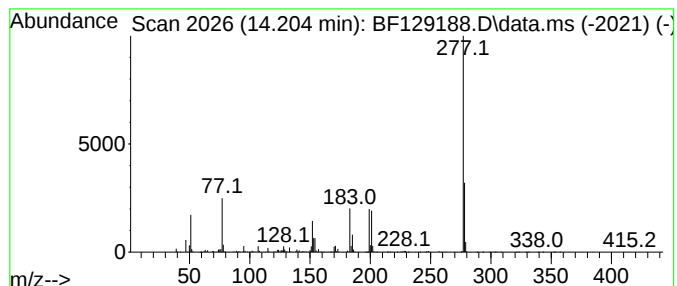
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Triphenylphosphine oxide Concentration Rank 2

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 14.204 | 11.91 ng | 816300 | Chrysene-d12     | 14.115 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm    | CAS#         | Qual |
|------|----|---|--------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Triphenylphosphine oxide             | 278 | C18H15OP   | 000791-28-6  | 97   |
| 2    |    |   | (E)-7-Benzylidene-1-azabicyclo[3...] | 293 | C15H19NO3S | 1000483-83-4 | 94   |
| 3    |    |   | Formaldehyde, (triphenylphosphor...  | 304 | C19H17N2P  | 015990-54-2  | 45   |
| 4    |    |   | Carbazol-1-one, 1,2,3,4-tetrahyd...  | 277 | C18H15NO2  | 299962-12-2  | 37   |
| 5    |    |   | Cobalt,(.eta.<5>-2,4-cyclopentad...  | 277 | C16H15BCo  | 036682-12-9  | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF071222\  
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Acq On : 12 Jul 2022 14:33  
Operator : CG\JU  
Sample : N3662-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
20220497B-SIM/C3B-COMPOSITE

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butane, 2-metho... | 2.322  | 44.7    | ng    | 4055880  | 1                     | 6.934  | 1815080 | 20.0 |
| D-Limonene         | 7.045  | 6.9     | ng    | 623082   | 1                     | 6.934  | 1815080 | 20.0 |
| Tetratetracontane  | 9.680  | 2.2     | ng    | 271124   | 3                     | 9.975  | 2494200 | 20.0 |
| Decane, 2-methyl-  | 10.880 | 3.9     | ng    | 438424   | 4                     | 11.469 | 2263640 | 20.0 |
| Heptadecane, 2,... | 11.345 | 2.3     | ng    | 264395   | 4                     | 11.469 | 2263640 | 20.0 |
| Triphenylphosph... | 14.204 | 11.9    | ng    | 816300   | 5                     | 14.115 | 1370300 | 20.0 |