

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
 Data File : BF128238.D  
 Acq On : 13 May 2022 14:46  
 Operator : CG\JU  
 Sample : N2823-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SC-7

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-BF050922.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128238.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 4.598       | 386           | 393         | 396          | rBV      | 630473         | 884135        | 29.41%          | 3.606%        |
| 2         | 5.104       | 475           | 479         | 487          | rVB      | 372083         | 362699        | 12.07%          | 1.479%        |
| 3         | 5.404       | 526           | 530         | 536          | rBV      | 45102          | 41613         | 1.38%           | 0.170%        |
| 4         | 5.516       | 544           | 549         | 557          | rBV      | 732105         | 1005944       | 33.46%          | 4.103%        |
| 5         | 5.863       | 599           | 608         | 611          | rBV      | 1924348        | 3006143       | 100.00%         | 12.261%       |
| 6         | 6.510       | 715           | 718         | 721          | rBV      | 227931         | 246069        | 8.19%           | 1.004%        |
| 7         | 6.545       | 721           | 724         | 730          | rVV      | 161213         | 353425        | 11.76%          | 1.441%        |
| 8         | 6.628       | 735           | 738         | 750          | rVB2     | 408278         | 648924        | 21.59%          | 2.647%        |
| 9         | 6.887       | 778           | 782         | 785          | rBV      | 466806         | 402491        | 13.39%          | 1.642%        |
| 10        | 6.945       | 785           | 792         | 799          | rBV2     | 17229          | 35703         | 1.19%           | 0.146%        |
| 11        | 7.069       | 806           | 813         | 817          | rBV      | 1298557        | 2148276       | 71.46%          | 8.762%        |
| 12        | 7.151       | 823           | 827         | 835          | rVB      | 186255         | 165926        | 5.52%           | 0.677%        |
| 13        | 7.363       | 859           | 863         | 866          | rBV      | 712937         | 560316        | 18.64%          | 2.285%        |
| 14        | 7.451       | 873           | 878         | 881          | rBV      | 1144010        | 1037293       | 34.51%          | 4.231%        |
| 15        | 7.775       | 926           | 933         | 935          | rBV5     | 18649          | 33117         | 1.10%           | 0.135%        |
| 16        | 8.134       | 989           | 994         | 996          | rBV      | 57383          | 51791         | 1.72%           | 0.211%        |
| 17        | 8.169       | 996           | 1000        | 1003         | rVB      | 609581         | 514272        | 17.11%          | 2.097%        |
| 18        | 8.575       | 1066          | 1069        | 1071         | rBV      | 36701          | 32720         | 1.09%           | 0.133%        |
| 19        | 8.745       | 1095          | 1098        | 1102         | rVB      | 116618         | 92746         | 3.09%           | 0.378%        |
| 20        | 8.939       | 1128          | 1131        | 1141         | rVB      | 114763         | 126018        | 4.19%           | 0.514%        |
| 21        | 9.245       | 1177          | 1183        | 1186         | rBV      | 1869962        | 1810986       | 60.24%          | 7.386%        |
| 22        | 9.310       | 1190          | 1194        | 1197         | rBV      | 68267          | 60364         | 2.01%           | 0.246%        |
| 23        | 9.351       | 1197          | 1201        | 1206         | rVB      | 542287         | 485282        | 16.14%          | 1.979%        |
| 24        | 9.722       | 1261          | 1264        | 1270         | rBV      | 263749         | 302044        | 10.05%          | 1.232%        |
| 25        | 9.769       | 1270          | 1272        | 1281         | rVB      | 23634          | 33909         | 1.13%           | 0.138%        |
| 26        | 9.928       | 1294          | 1299        | 1302         | rVB      | 659734         | 604972        | 20.12%          | 2.467%        |
| 27        | 10.369      | 1372          | 1374        | 1377         | rVB      | 49657          | 37199         | 1.24%           | 0.152%        |
| 28        | 10.469      | 1387          | 1391        | 1394         | rBV      | 470905         | 402983        | 13.41%          | 1.644%        |
| 29        | 10.492      | 1394          | 1395        | 1401         | rVB      | 55835          | 59627         | 1.98%           | 0.243%        |
| 30        | 10.716      | 1429          | 1433        | 1442         | rBV2     | 272426         | 344433        | 11.46%          | 1.405%        |
| 31        | 10.857      | 1454          | 1457        | 1460         | rVV2     | 55288          | 52661         | 1.75%           | 0.215%        |
| 32        | 11.180      | 1509          | 1512        | 1516         | rBV      | 133592         | 116379        | 3.87%           | 0.475%        |
| 33        | 11.216      | 1516          | 1518        | 1522         | rVB2     | 56639          | 46832         | 1.56%           | 0.191%        |
| 34        | 11.292      | 1528          | 1531        | 1538         | rVB3     | 36369          | 44687         | 1.49%           | 0.182%        |
| 35        | 11.416      | 1548          | 1552        | 1555         | rBV      | 791670         | 642456        | 21.37%          | 2.620%        |
| 36        | 11.586      | 1576          | 1581        | 1584         | rBV4     | 41208          | 53039         | 1.76%           | 0.216%        |

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 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SC-7

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-BF050922.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 11.639 | 1584 | 1590 | 1596 | rVB3 | 30107   | 57360   | 1.91%  | 0.234% |
| 38 | 11.692 | 1596 | 1599 | 1602 | rBV  | 67731   | 53468   | 1.78%  | 0.218% |
| 39 | 11.792 | 1613 | 1616 | 1620 | rBV  | 58979   | 53668   | 1.79%  | 0.219% |
| 40 | 11.857 | 1620 | 1627 | 1630 | rBV2 | 23968   | 51956   | 1.73%  | 0.212% |
| 41 | 11.922 | 1635 | 1638 | 1641 | rVV3 | 31421   | 36357   | 1.21%  | 0.148% |
| 42 | 12.098 | 1664 | 1668 | 1671 | rBV  | 128992  | 109239  | 3.63%  | 0.446% |
| 43 | 12.251 | 1691 | 1694 | 1700 | rBV4 | 26746   | 46896   | 1.56%  | 0.191% |
| 44 | 12.369 | 1711 | 1714 | 1720 | rVB2 | 85179   | 130825  | 4.35%  | 0.534% |
| 45 | 12.457 | 1726 | 1729 | 1732 | rBV2 | 31000   | 45564   | 1.52%  | 0.186% |
| 46 | 12.486 | 1732 | 1734 | 1738 | rVV2 | 193925  | 176205  | 5.86%  | 0.719% |
| 47 | 12.592 | 1750 | 1752 | 1756 | rBV4 | 34593   | 37975   | 1.26%  | 0.155% |
| 48 | 12.627 | 1756 | 1758 | 1761 | rBV2 | 52246   | 56326   | 1.87%  | 0.230% |
| 49 | 12.704 | 1768 | 1771 | 1773 | rBV2 | 36811   | 38208   | 1.27%  | 0.156% |
| 50 | 12.727 | 1773 | 1775 | 1779 | rVV  | 33701   | 37442   | 1.25%  | 0.153% |
| 51 | 12.774 | 1779 | 1783 | 1787 | rVV3 | 31246   | 53755   | 1.79%  | 0.219% |
| 52 | 12.863 | 1795 | 1798 | 1800 | rBV  | 229606  | 170751  | 5.68%  | 0.696% |
| 53 | 12.910 | 1800 | 1806 | 1810 | rVV  | 931117  | 957130  | 31.84% | 3.904% |
| 54 | 12.974 | 1814 | 1817 | 1818 | rBV  | 51069   | 49619   | 1.65%  | 0.202% |
| 55 | 13.004 | 1818 | 1822 | 1825 | rVB  | 2253013 | 1955764 | 65.06% | 7.977% |
| 56 | 13.216 | 1855 | 1858 | 1862 | rBV  | 238768  | 209914  | 6.98%  | 0.856% |
| 57 | 13.286 | 1868 | 1870 | 1875 | rVB3 | 49979   | 54836   | 1.82%  | 0.224% |
| 58 | 13.339 | 1876 | 1879 | 1883 | rBV4 | 57934   | 72238   | 2.40%  | 0.295% |
| 59 | 13.474 | 1899 | 1902 | 1905 | rVB  | 156574  | 142014  | 4.72%  | 0.579% |
| 60 | 13.527 | 1909 | 1911 | 1913 | rVV  | 37856   | 33066   | 1.10%  | 0.135% |
| 61 | 13.557 | 1913 | 1916 | 1922 | rVB2 | 235631  | 260994  | 8.68%  | 1.064% |
| 62 | 13.674 | 1934 | 1936 | 1939 | rBV2 | 32782   | 36270   | 1.21%  | 0.148% |
| 63 | 13.710 | 1940 | 1942 | 1946 | rVB  | 61342   | 56423   | 1.88%  | 0.230% |
| 64 | 13.892 | 1970 | 1973 | 1976 | rBV  | 240807  | 228539  | 7.60%  | 0.932% |
| 65 | 14.027 | 1993 | 1996 | 1999 | rBV  | 271634  | 228108  | 7.59%  | 0.930% |
| 66 | 14.063 | 1999 | 2002 | 2006 | rVB  | 602893  | 513134  | 17.07% | 2.093% |
| 67 | 14.151 | 2014 | 2017 | 2022 | rVB  | 176535  | 179542  | 5.97%  | 0.732% |
| 68 | 14.204 | 2023 | 2026 | 2029 | rVB  | 193754  | 169053  | 5.62%  | 0.689% |
| 69 | 14.304 | 2040 | 2043 | 2048 | rVB2 | 45028   | 48172   | 1.60%  | 0.196% |
| 70 | 14.510 | 2075 | 2078 | 2081 | rBV  | 220916  | 185388  | 6.17%  | 0.756% |
| 71 | 14.610 | 2092 | 2095 | 2099 | rBV6 | 24284   | 46091   | 1.53%  | 0.188% |
| 72 | 14.674 | 2103 | 2106 | 2119 | rVB2 | 102795  | 169703  | 5.65%  | 0.692% |
| 73 | 14.821 | 2127 | 2131 | 2135 | rBV  | 151947  | 146062  | 4.86%  | 0.596% |
| 74 | 15.163 | 2185 | 2189 | 2193 | rBV  | 146391  | 154746  | 5.15%  | 0.631% |
| 75 | 15.557 | 2251 | 2256 | 2264 | rBV  | 368810  | 470400  | 15.65% | 1.919% |
| 76 | 15.998 | 2326 | 2331 | 2336 | rVB  | 72797   | 107669  | 3.58%  | 0.439% |

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Sample : N2823-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SC-7

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-BF050922.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 77 | 16.515 | 2414 | 2419 | 2424 | rVB2 | 24261 | 40380 | 1.34% | 0.165% |
|----|--------|------|------|------|------|-------|-------|-------|--------|

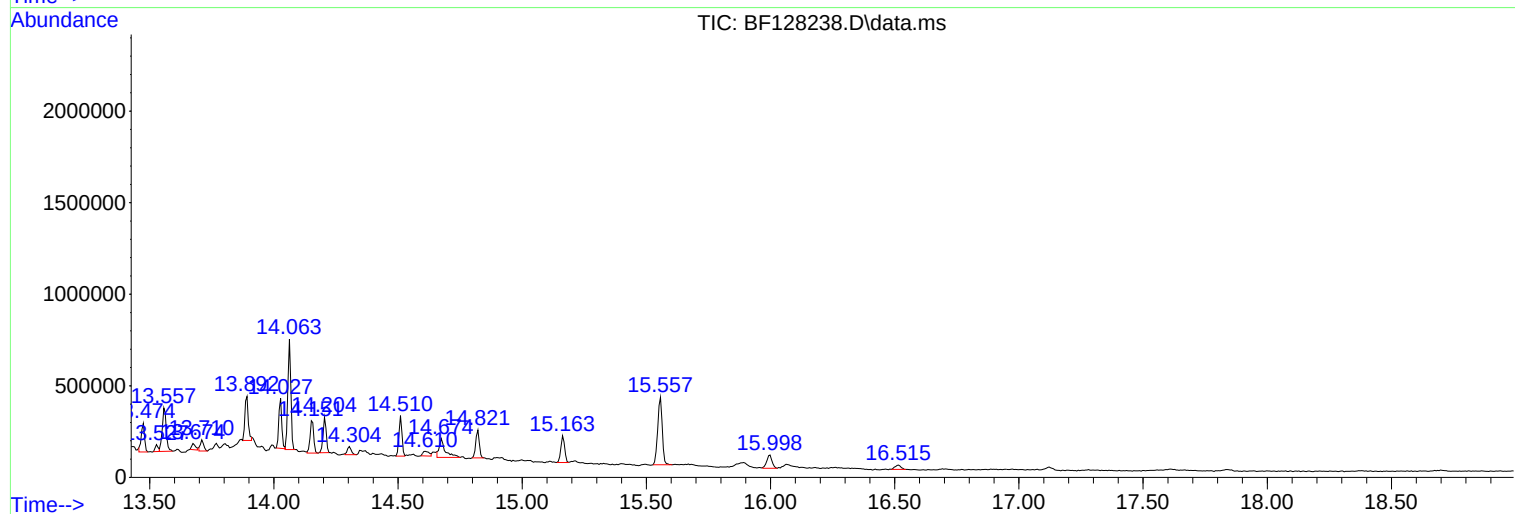
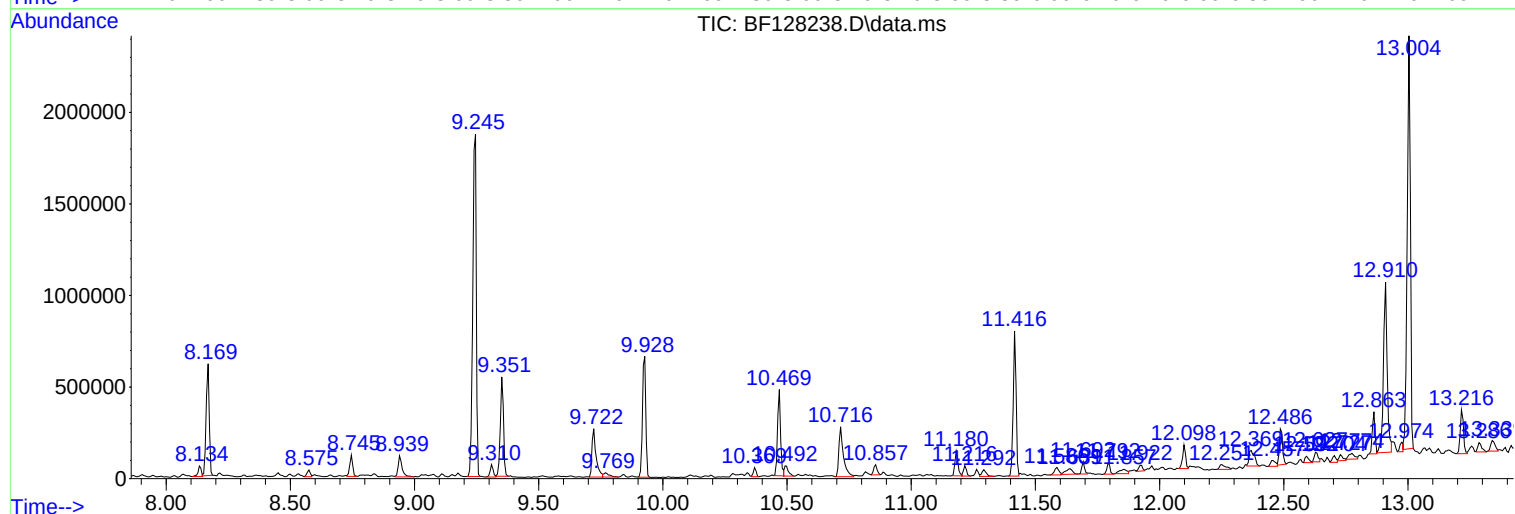
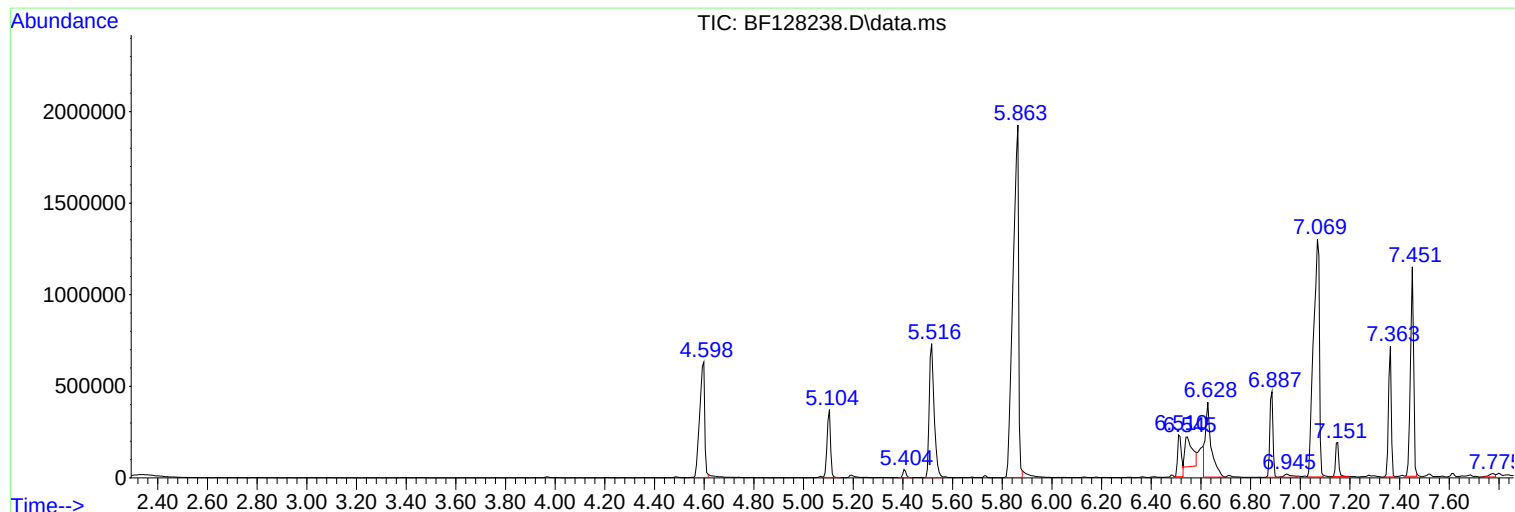
Sum of corrected areas: 24518724

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
Data File : BF128238.D  
Acq On : 13 May 2022 14:46  
Operator : CG\JU  
Sample : N2823-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SC-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.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\BF051322\  
Data File : BF128238.D  
Acq On : 13 May 2022 14:46  
Operator : CG\JU  
Sample : N2823-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SC-7

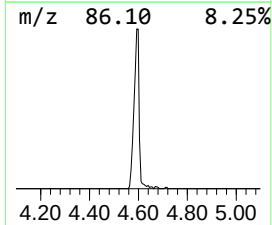
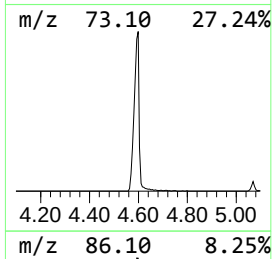
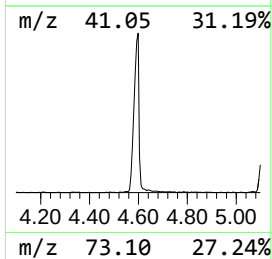
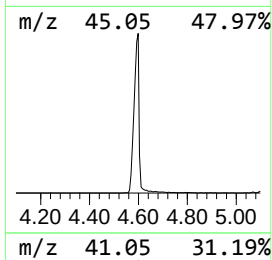
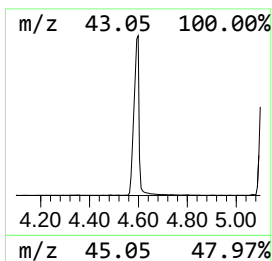
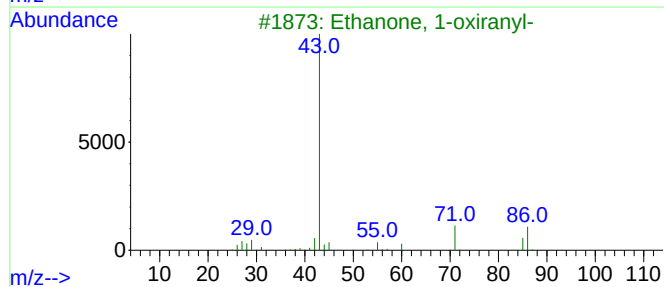
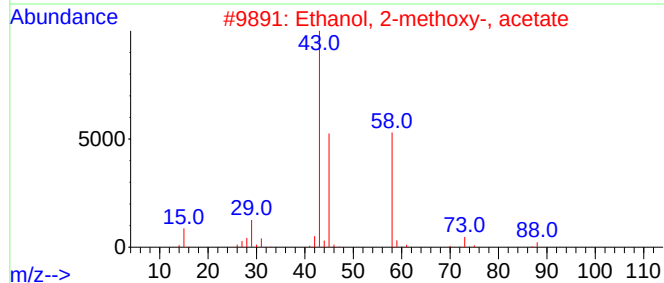
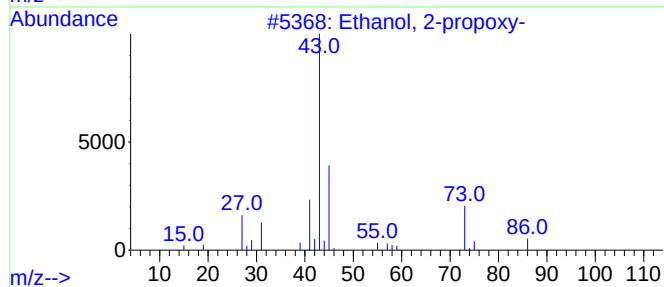
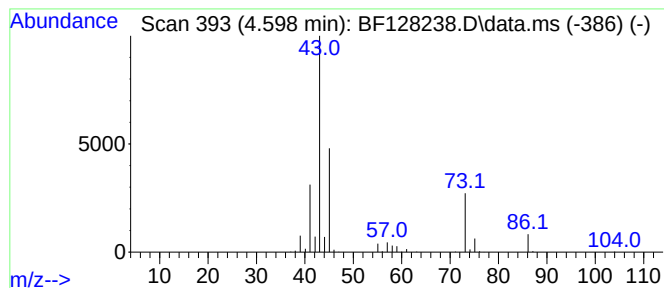
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 1 Ethanol, 2-propoxy- Concentration Rank 3

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 4.598 | 43.93 ng | 884135 | 1,4-Dichlorobenzene-d4 | 6.887 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol, 2-propoxy-          | 104 | C5H12O2 | 002807-30-9 | 83   |
| 2    |    |   | Ethanol, 2-methoxy-, acetate | 118 | C5H10O3 | 000110-49-6 | 33   |
| 3    |    |   | Ethanone, 1-oxiranyl-        | 86  | C4H6O2  | 004401-11-0 | 9    |
| 4    |    |   | 3-Aminopyrrolidine           | 86  | C4H10N2 | 079286-79-6 | 9    |
| 5    |    |   | Acetic acid ethenyl ester    | 86  | C4H6O2  | 000108-05-4 | 9    |



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Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SC-7

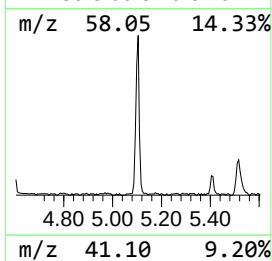
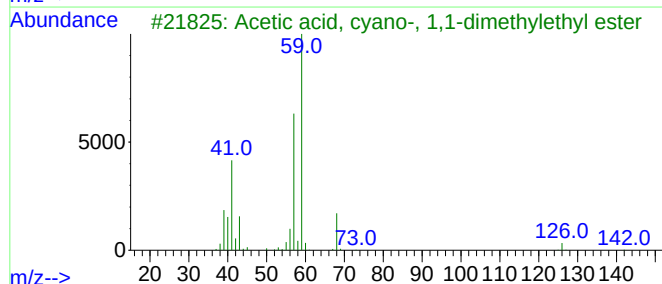
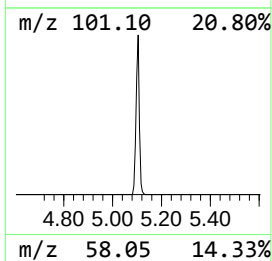
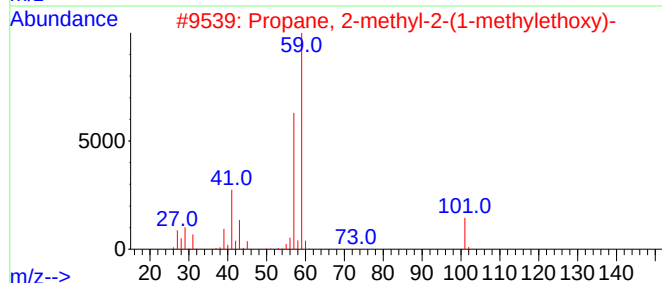
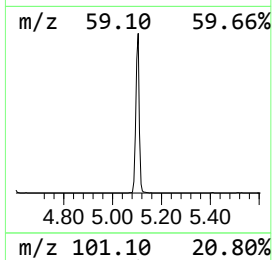
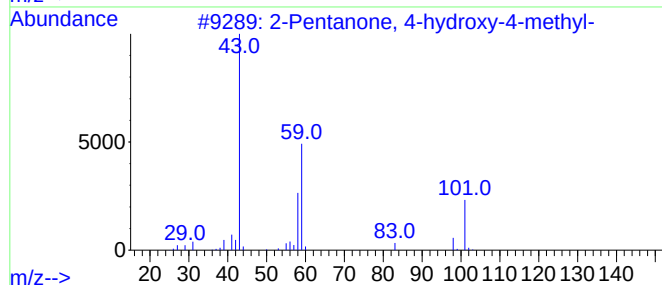
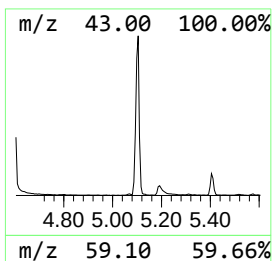
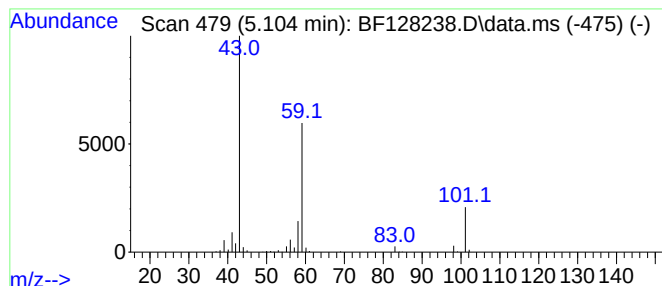
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 5.104 | 18.02 ng | 362699 | 1,4-Dichlorobenzene-d4 | 6.887 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2  | 000123-42-2 | 64   |
| 2    |    |   | Propane, 2-methyl-2-(1-methyleth... | 116 | C7H16O   | 017348-59-3 | 53   |
| 3    |    |   | Acetic acid, cyano-, 1,1-dimethy... | 141 | C7H11NO2 | 001116-98-9 | 25   |
| 4    |    |   | 1-Propen-2-ol, acetate              | 100 | C5H8O2   | 000108-22-5 | 10   |
| 5    |    |   | 2,3-Butanedione, monooxime          | 101 | C4H7NO2  | 000057-71-6 | 9    |



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Instrument :  
BNA\_F  
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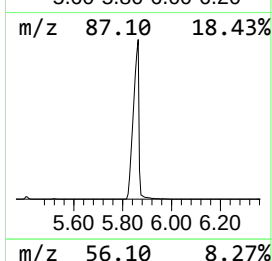
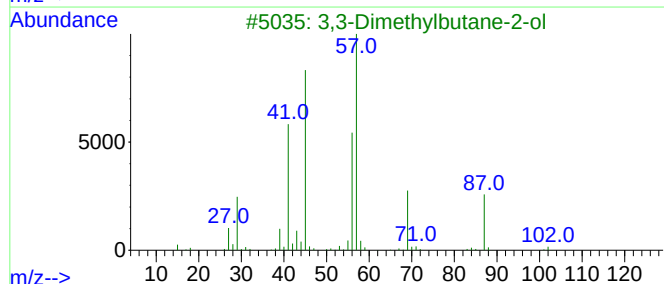
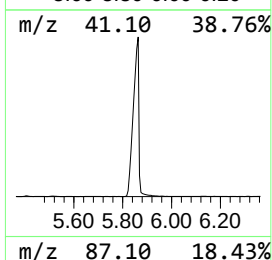
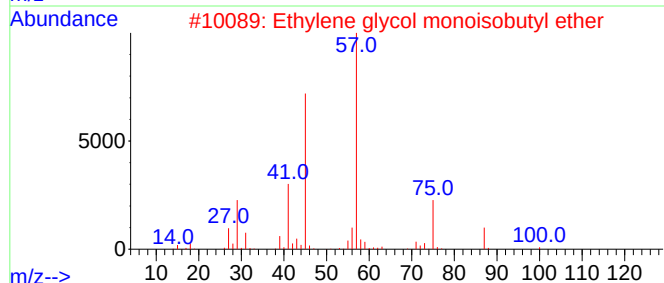
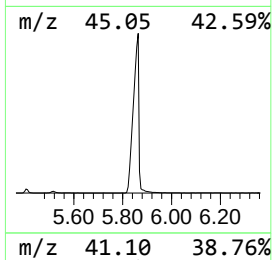
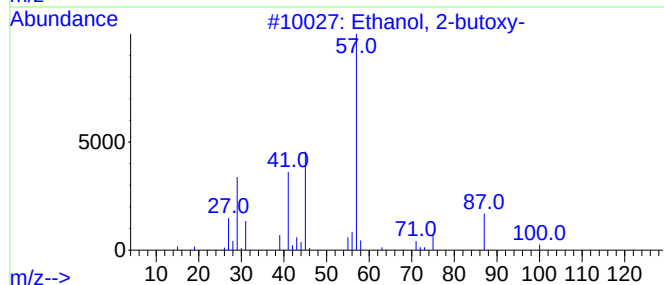
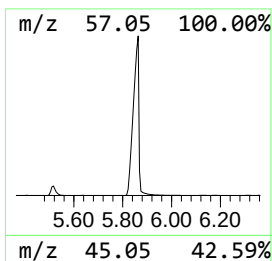
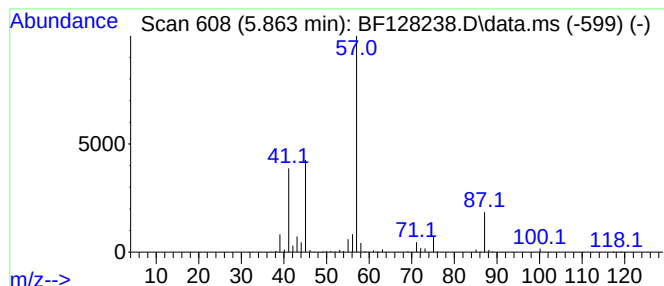
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Ethanol, 2-butoxy- Concentration Rank 1

| R.T.  | EstConc   | Area    | Relative to ISTD       | R.T.  |
|-------|-----------|---------|------------------------|-------|
| 5.863 | 149.38 ng | 3006140 | 1,4-Dichlorobenzene-d4 | 6.887 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Ethanol, 2-butoxy-                  | 118 | C6H14O2 | 000111-76-2  | 83   |
| 2    |    |   | Ethylene glycol monoisobutyl ether  | 118 | C6H14O2 | 004439-24-1  | 53   |
| 3    |    |   | 3,3-Dimethylbutane-2-ol             | 102 | C6H14O  | 000464-07-3  | 40   |
| 4    |    |   | Propanoic acid, 2-methylpropyl e... | 130 | C7H14O2 | 000540-42-1  | 25   |
| 5    |    |   | Formic acid, 3,3-dimethylbut-2-y... | 130 | C7H14O2 | 1000368-20-5 | 23   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
Data File : BF128238.D  
Acq On : 13 May 2022 14:46  
Operator : CG\JU  
Sample : N2823-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SC-7

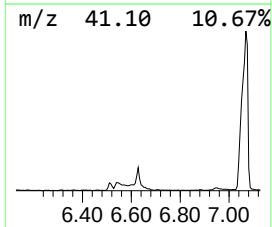
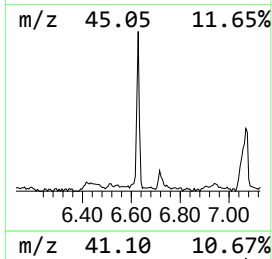
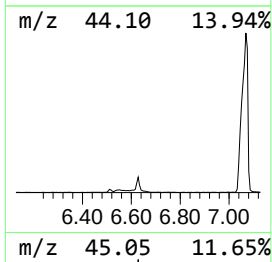
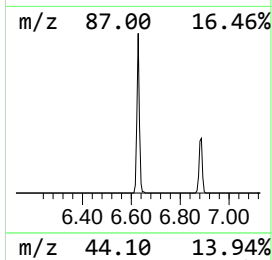
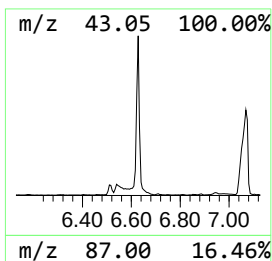
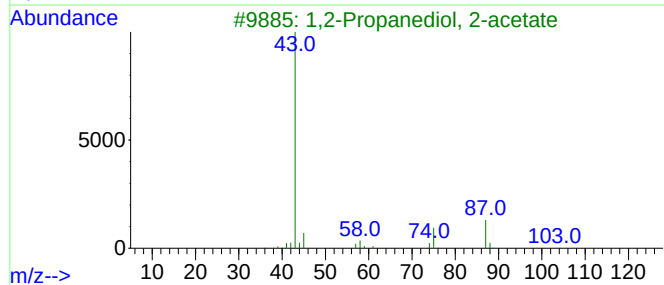
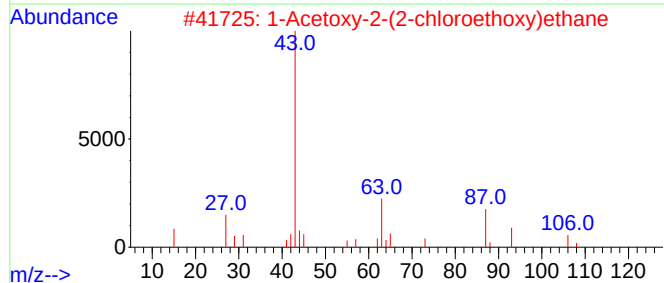
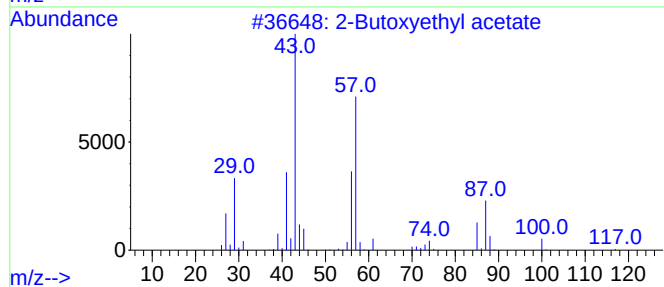
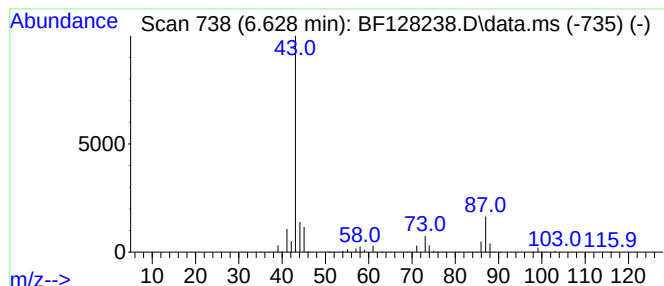
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 unknown6.628 Concentration Rank 5

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 6.628 | 32.25 ng | 648924 | 1,4-Dichlorobenzene-d4 | 6.887 |

| Hit# | of                                 | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Butoxyethyl acetate              | 160 | C8H16O3      | 000112-07-2 | 40      |      |      |
| 2    | 1-Acetoxy-2-(2-chloroethoxy)ethane | 166 | C6H11ClO3    | 014258-40-3 | 39      |      |      |
| 3    | 1,2-Propanediol, 2-acetate         | 118 | C5H10O3      | 006214-01-3 | 33      |      |      |
| 4    | 1,2-Epoxy-3-propyl acetate         | 116 | C5H8O3       | 006387-89-9 | 25      |      |      |
| 5    | Ethyl Acetate                      | 88  | C4H8O2       | 000141-78-6 | 25      |      |      |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
Data File : BF128238.D  
Acq On : 13 May 2022 14:46  
Operator : CG\JU  
Sample : N2823-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SC-7

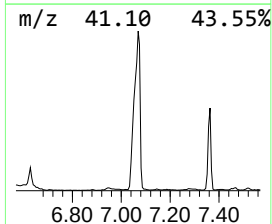
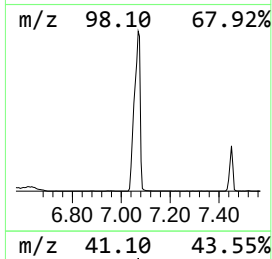
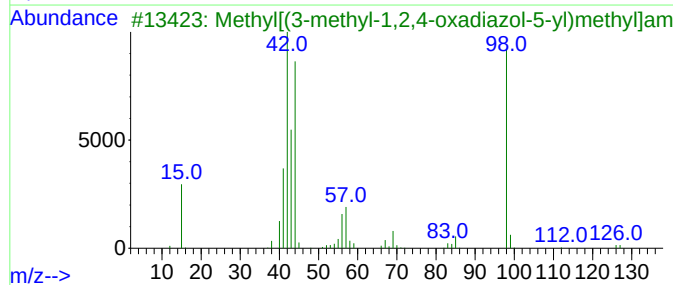
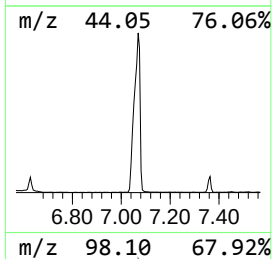
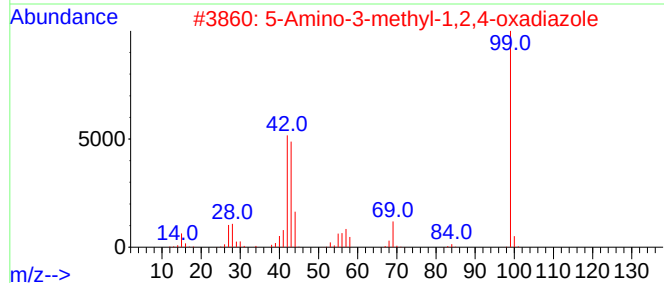
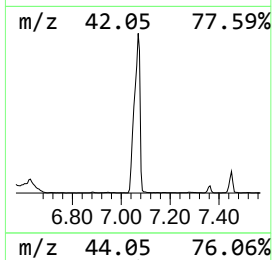
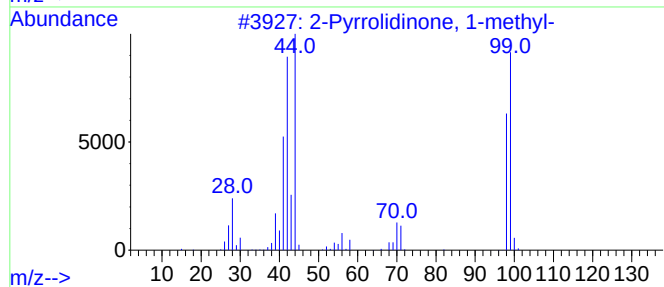
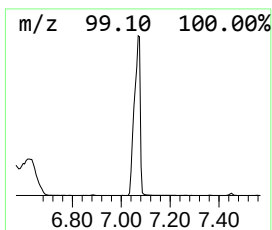
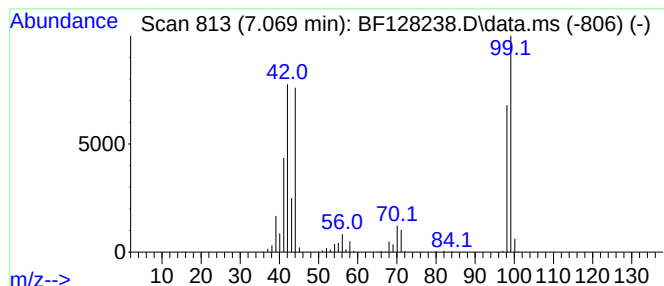
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 2-Pyrrolidinone, 1-methyl- Concentration Rank 2

| R.T.  | EstConc   | Area    | Relative to ISTD       | R.T.  |
|-------|-----------|---------|------------------------|-------|
| 7.069 | 106.75 ng | 2148280 | 1,4-Dichlorobenzene-d4 | 6.887 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | 2-Pyrrolidinone, 1-methyl-          | 99  | C5H9NO  | 000872-50-4  | 97   |
| 2    |    |   | 5-Amino-3-methyl-1,2,4-oxadiazole   | 99  | C3H5N3O | 003663-39-6  | 43   |
| 3    |    |   | Methyl[(3-methyl-1,2,4-oxadiazol... | 127 | C5H9N3O | 1000443-97-6 | 33   |
| 4    |    |   | 4H-1,2,4-Triazol-3-amine, 4-methyl- | 98  | C3H6N4  | 016681-76-8  | 27   |
| 5    |    |   | 5-.alpha.-Aminoethyltetrazole       | 113 | C3H7N5  | 1000227-36-7 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
Data File : BF128238.D  
Acq On : 13 May 2022 14:46  
Operator : CG\JU  
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Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SC-7

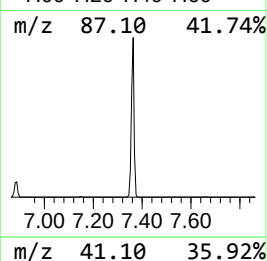
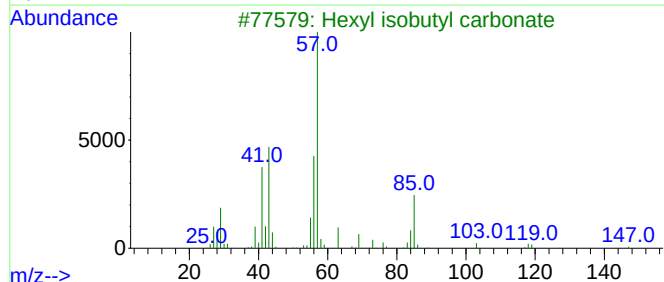
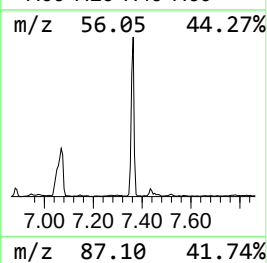
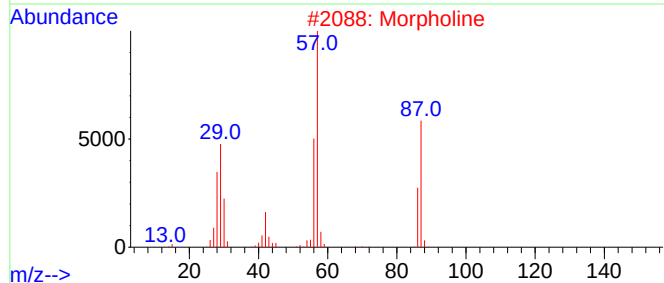
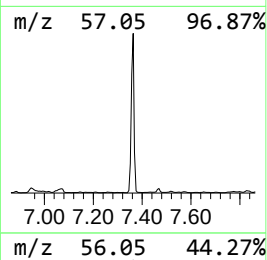
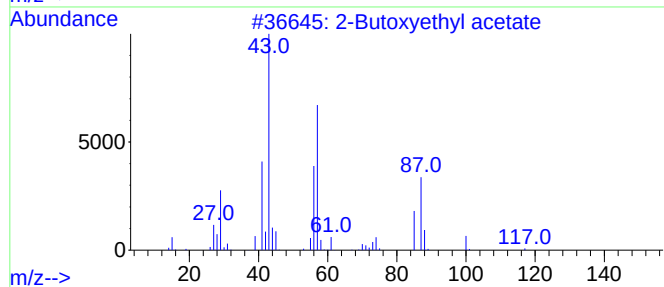
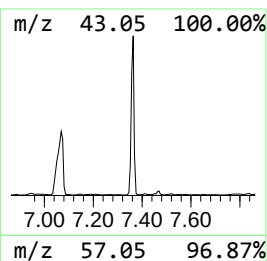
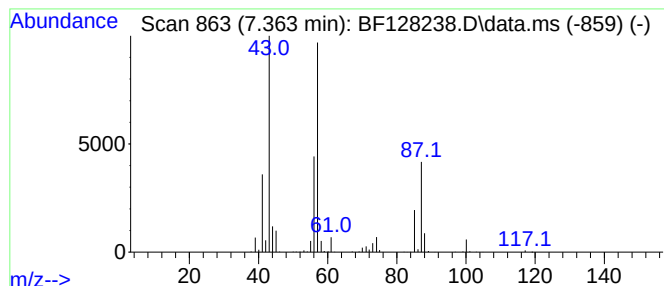
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 2-Butoxyethyl acetate Concentration Rank 6

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 7.363 | 27.84 ng | 560316 | 1,4-Dichlorobenzene-d4 | 6.887 |

| Hit# | of                       | 5 | Tentative ID | MW  | MolForm  | CAS#        | Qual |
|------|--------------------------|---|--------------|-----|----------|-------------|------|
| 1    | 2-Butoxyethyl acetate    |   |              | 160 | C8H16O3  | 000112-07-2 | 80   |
| 2    | Morpholine               |   |              | 87  | C4H9NO   | 000110-91-8 | 50   |
| 3    | Hexyl isobutyl carbonate |   |              | 202 | C11H22O3 | 959067-98-2 | 47   |
| 4    | Pentane, 2,4-dimethyl-   |   |              | 100 | C7H16    | 000108-08-7 | 38   |
| 5    | 2-Isobutoxyethyl acetate |   |              | 160 | C8H16O3  | 039220-44-5 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
Data File : BF128238.D  
Acq On : 13 May 2022 14:46  
Operator : CG\JU  
Sample : N2823-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SC-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

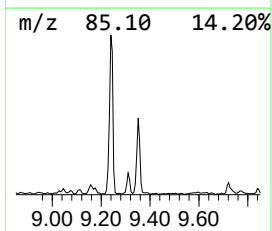
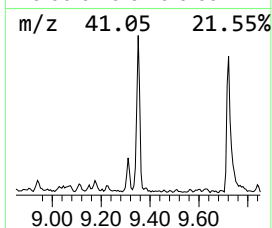
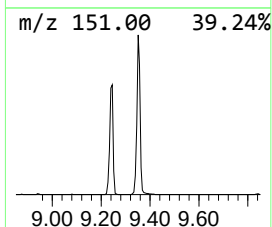
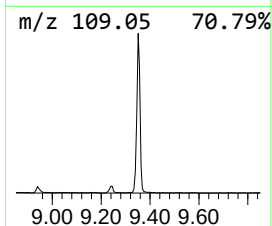
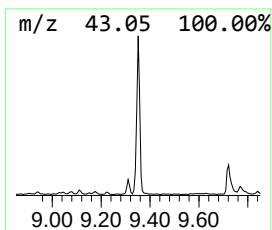
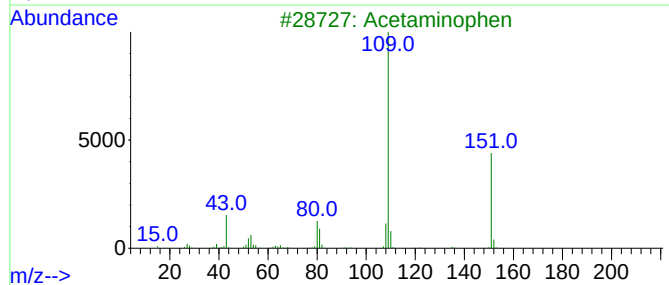
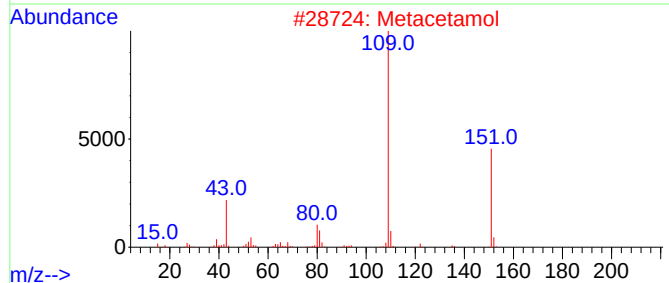
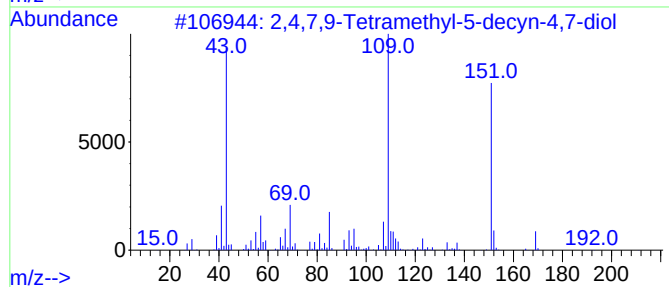
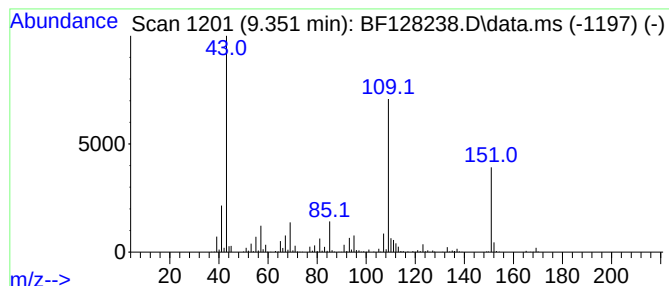
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TIC Integration Parameters: LSCINT.P

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Peak Number 7 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 8

| R.T.  | EstConc  | Area   | Relative to ISTD |  | R.T.  |
|-------|----------|--------|------------------|--|-------|
| 9.351 | 16.04 ng | 485282 | Acenaphthene-d10 |  | 9.928 |

| Hit# | of 5                                | Tentative ID | MW       | MolForm | CAS#        | Qual |
|------|-------------------------------------|--------------|----------|---------|-------------|------|
| 1    | 2,4,7,9-Tetramethyl-5-decyn-4,7-... | 226          | C14H26O2 |         | 000126-86-3 | 90   |
| 2    | Metacetamol                         | 151          | C8H9NO2  |         | 000621-42-1 | 58   |
| 3    | Acetaminophen                       | 151          | C8H9NO2  |         | 000103-90-2 | 58   |
| 4    | m-Isopropoxyaniline                 | 151          | C9H13NO  |         | 041406-00-2 | 53   |
| 5    | Pyridine, 2-butyl-, 1-oxide         | 151          | C9H13NO  |         | 031396-32-4 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
Data File : BF128238.D  
Acq On : 13 May 2022 14:46  
Operator : CG\JU  
Sample : N2823-07  
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ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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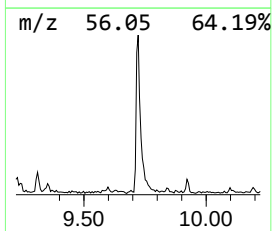
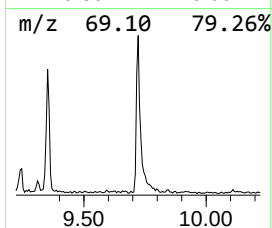
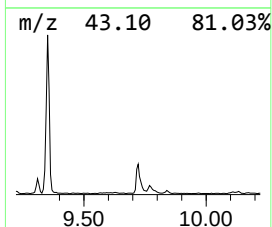
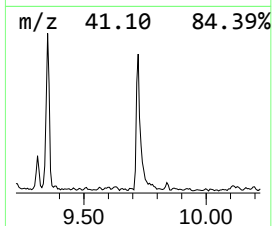
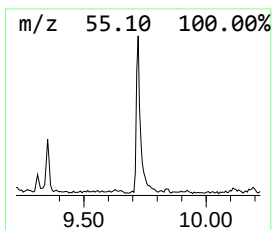
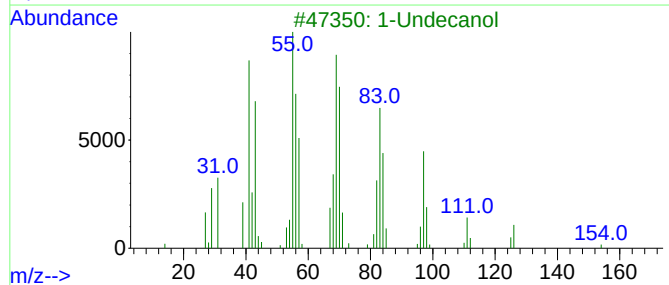
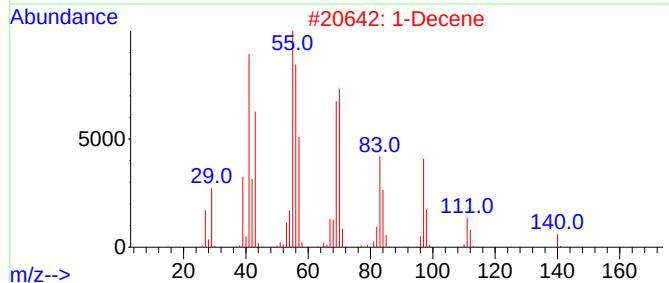
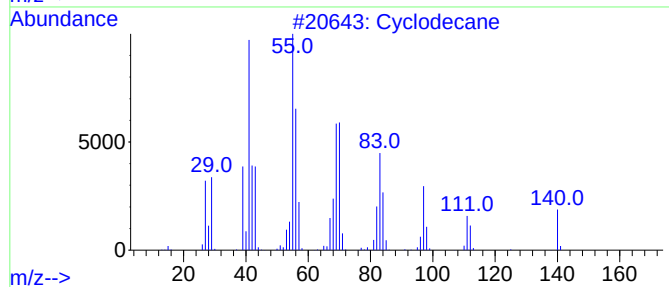
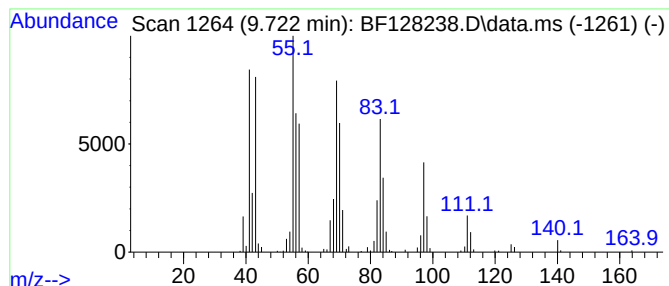
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Cyclodecane Concentration Rank 11

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 9.722 | 9.99 ng | 302044 | Acenaphthene-d10 | 9.928 |

| Hit# | of | 5 | Tentative ID    | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------|-----|---------|-------------|------|
| 1    |    |   | Cyclodecane     | 140 | C10H20  | 000293-96-9 | 94   |
| 2    |    |   | 1-Decene        | 140 | C10H20  | 000872-05-9 | 94   |
| 3    |    |   | 1-Undecanol     | 172 | C11H24O | 000112-42-5 | 91   |
| 4    |    |   | 1-Dodecanol     | 186 | C12H26O | 000112-53-8 | 91   |
| 5    |    |   | n-Tridecan-1-ol | 200 | C13H28O | 000112-70-9 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
Data File : BF128238.D  
Acq On : 13 May 2022 14:46  
Operator : CG\JU  
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Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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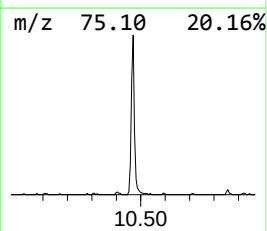
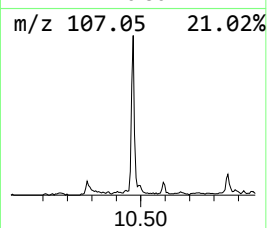
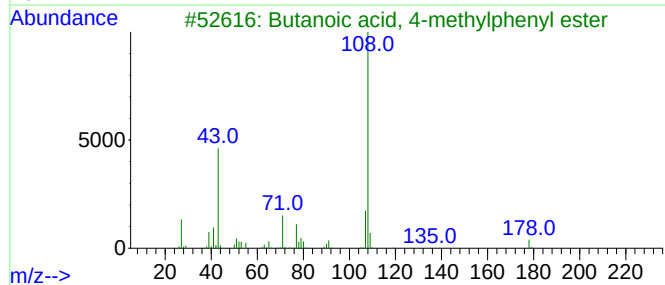
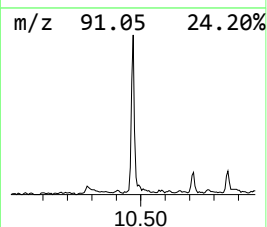
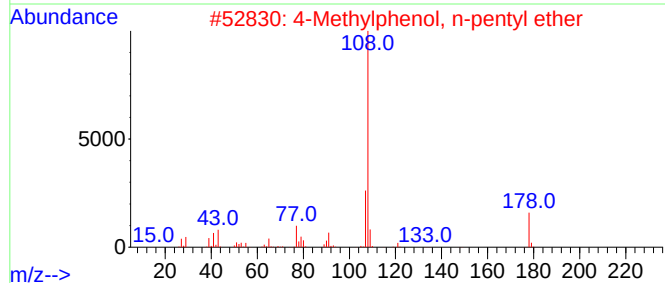
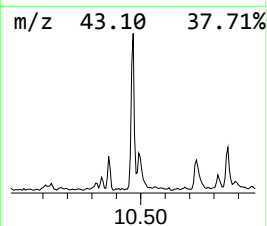
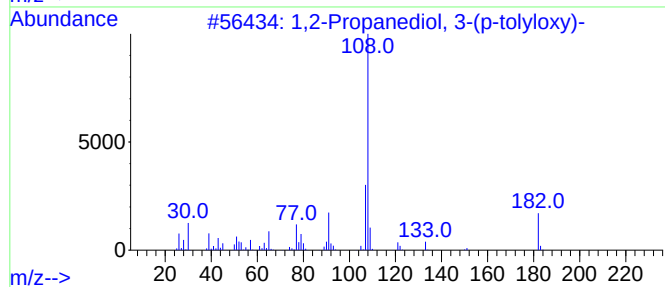
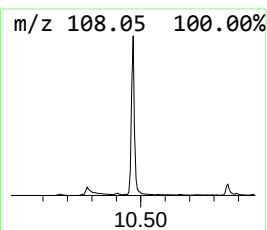
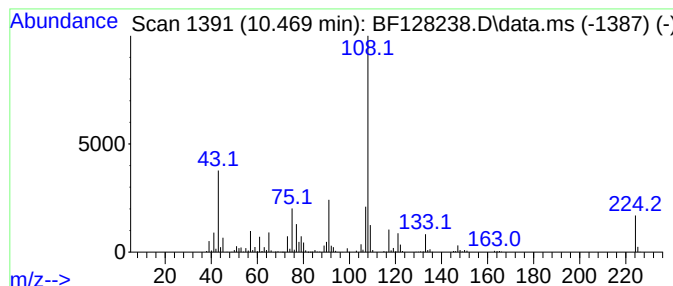
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 1,2-Propanediol, 3-(p-tolyl)... Concentration Rank 9

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.  |
|--------|----------|--------|------------------|-------|
| 10.469 | 13.32 ng | 402983 | Acenaphthene-d10 | 9.928 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 1,2-Propanediol, 3-(p-tolylloxy)-   | 182 | C10H14O3 | 017131-24-7  | 53   |
| 2    |    |   | 4-Methylphenol, n-pentyl ether      | 178 | C12H18O  | 1000395-15-8 | 53   |
| 3    |    |   | Butanoic acid, 4-methylphenyl ester | 178 | C11H14O2 | 014617-92-6  | 50   |
| 4    |    |   | Pyridine, 4-ethyl-, 1-oxide         | 123 | C7H9NO   | 014906-55-9  | 50   |
| 5    |    |   | Chloroacetic acid, 3-methylpheny... | 184 | C9H9ClO2 | 1000307-71-1 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
Data File : BF128238.D  
Acq On : 13 May 2022 14:46  
Operator : CG\JU  
Sample : N2823-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

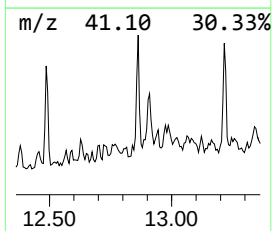
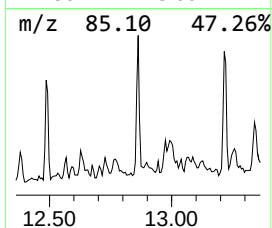
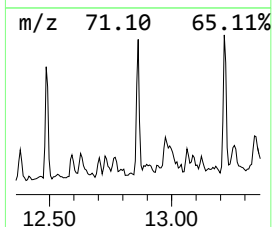
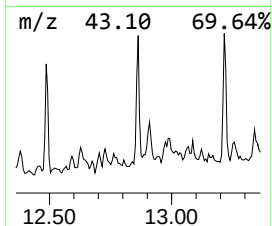
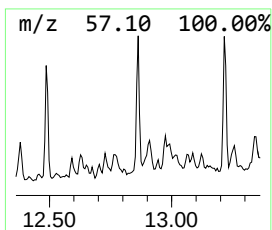
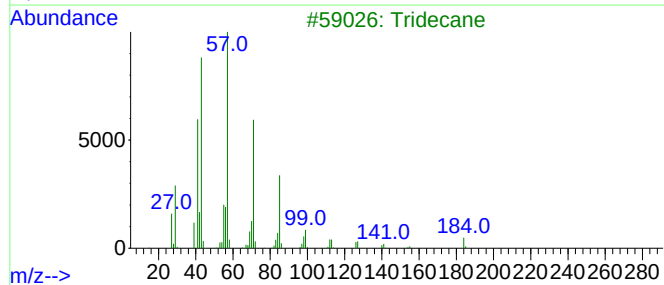
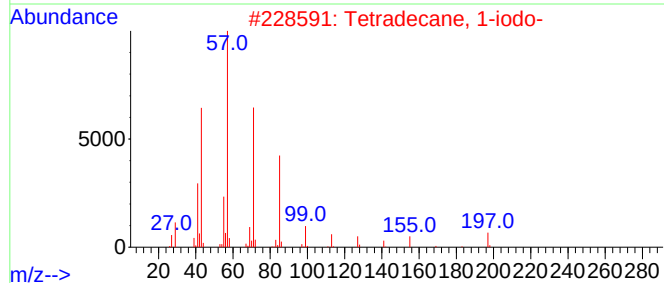
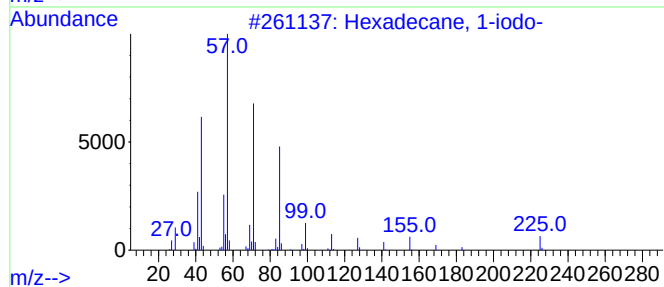
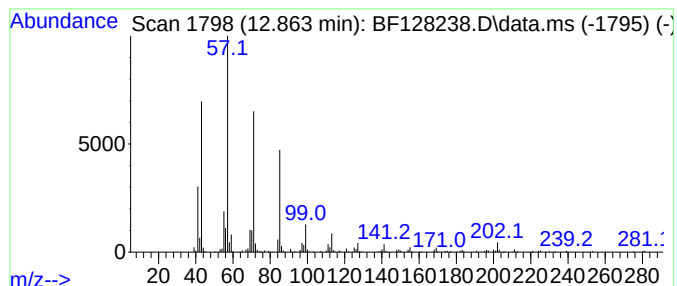
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Hexadecane, 1-iodo- Concentration Rank 16

| R.T.      | EstConc                  | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|--------------------------|--------|------------------|---------|-------------|------|
| 12.863    | 6.66 ng                  | 170751 | Chrysene-d12     |         | 14.063      |      |
| Hit# of 5 | Tentative ID             |        | MW               | MolForm | CAS#        | Qual |
| 1         | Hexadecane, 1-iodo-      |        | 352              | C16H33I | 000544-77-4 | 86   |
| 2         | Tetradecane, 1-iodo-     |        | 324              | C14H29I | 019218-94-1 | 86   |
| 3         | Tridecane                |        | 184              | C13H28  | 000629-50-5 | 86   |
| 4         | Undecane, 2,10-dimethyl- |        | 184              | C13H28  | 017301-27-8 | 80   |
| 5         | Heptacosane              |        | 380              | C27H56  | 000593-49-7 | 74   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
Data File : BF128238.D  
Acq On : 13 May 2022 14:46  
Operator : CG\JU  
Sample : N2823-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

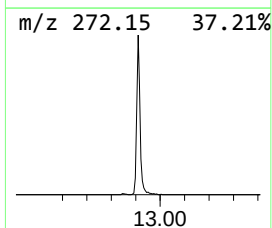
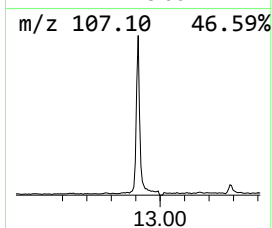
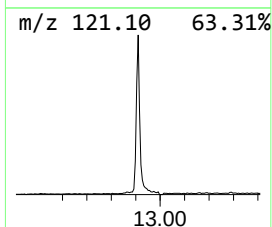
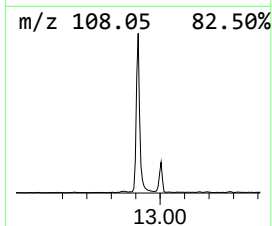
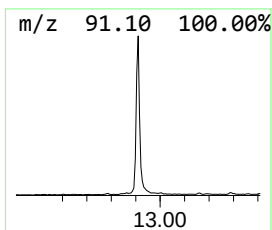
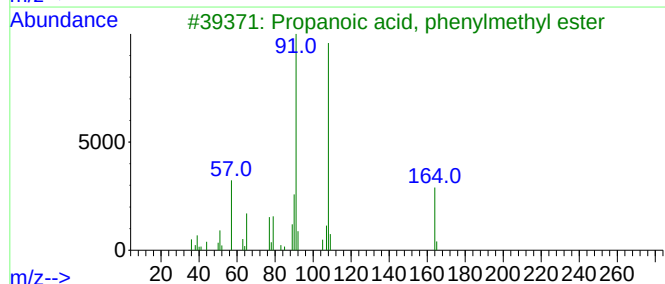
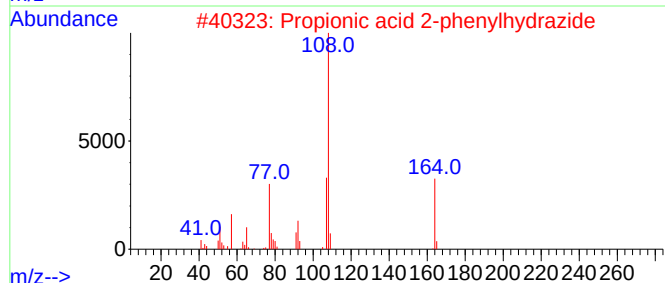
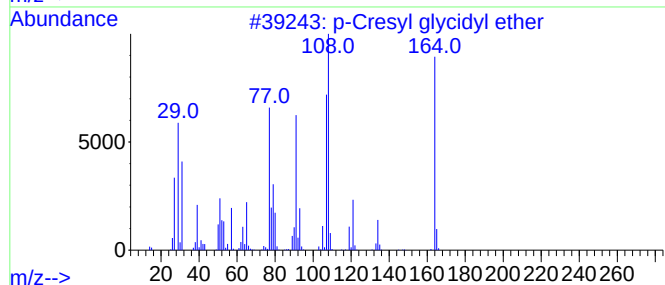
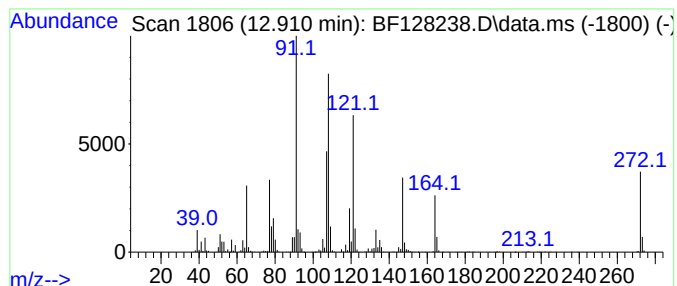
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 unknown12.910 Concentration Rank 4

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 12.910 | 37.31 ng | 957130 | Chrysene-d12     | 14.063 |

| Hit# | of 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|------|------------------------------------|-----|----------|-------------|------|
| 1    |      | p-Cresyl glycidyl ether            | 164 | C10H12O2 | 002186-24-5 | 49   |
| 2    |      | Propionic acid 2-phenylhydrazide   | 164 | C9H12N2O | 020730-02-3 | 43   |
| 3    |      | Propanoic acid, phenylmethyl ester | 164 | C10H12O2 | 000122-63-4 | 41   |
| 4    |      | Phenol, 2-methyl-                  | 108 | C7H8O    | 000095-48-7 | 38   |
| 5    |      | 1H,4H,5H,6H-Cyclopenta[c]pyrazole  | 108 | C6H8N2   | 015409-55-9 | 38   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
Data File : BF128238.D  
Acq On : 13 May 2022 14:46  
Operator : CG\JU  
Sample : N2823-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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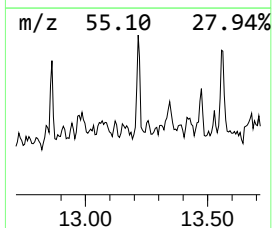
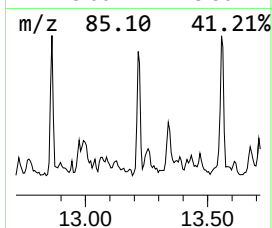
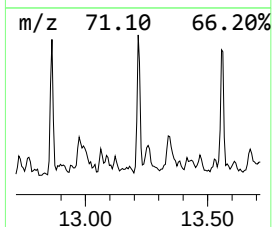
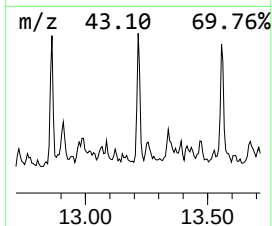
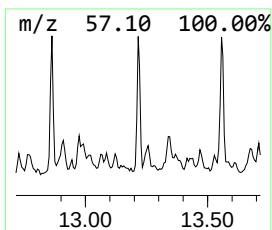
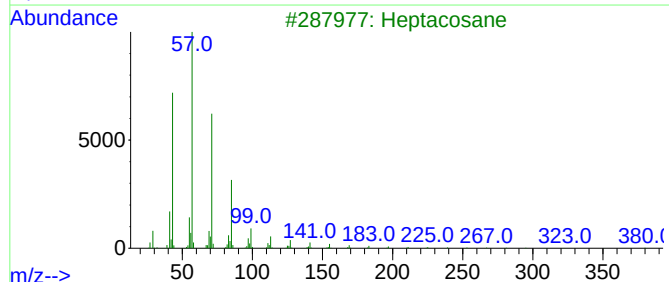
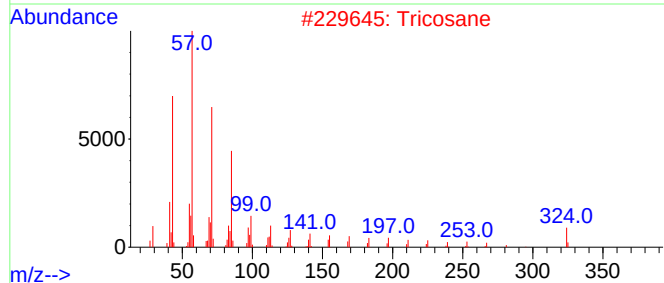
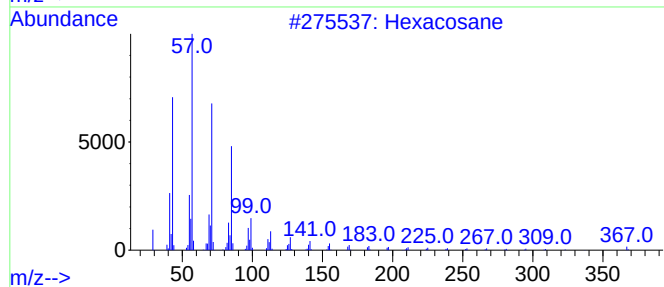
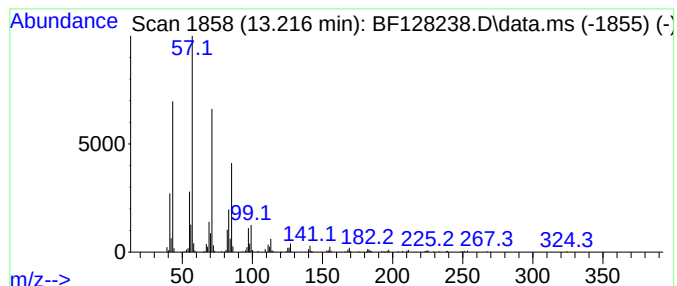
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Hexacosane Concentration Rank 13

| R.T.      | EstConc      | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|--------------|--------|------------------|---------|-------------|------|
| 13.216    | 8.18 ng      | 209914 | Chrysene-d12     |         | 14.063      |      |
| Hit# of 5 | Tentative ID |        | MW               | MolForm | CAS#        | Qual |
| 1         | Hexacosane   |        | 366              | C26H54  | 000630-01-3 | 90   |
| 2         | Tricosane    |        | 324              | C23H48  | 000638-67-5 | 90   |
| 3         | Heptacosane  |        | 380              | C27H56  | 000593-49-7 | 87   |
| 4         | Pentacosane  |        | 352              | C25H52  | 000629-99-2 | 87   |
| 5         | Octacosane   |        | 394              | C28H58  | 000630-02-4 | 83   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
Data File : BF128238.D  
Acq On : 13 May 2022 14:46  
Operator : CG\JU  
Sample : N2823-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
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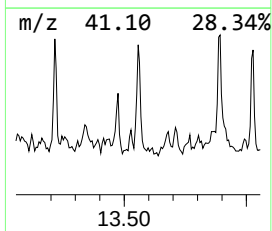
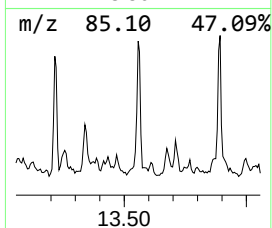
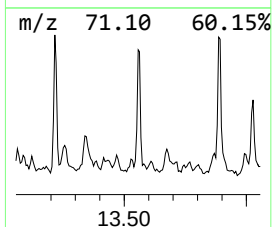
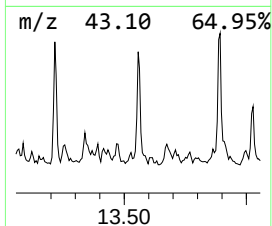
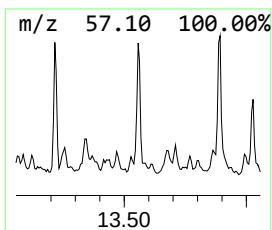
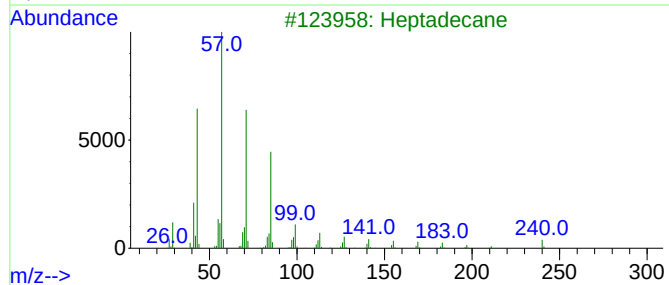
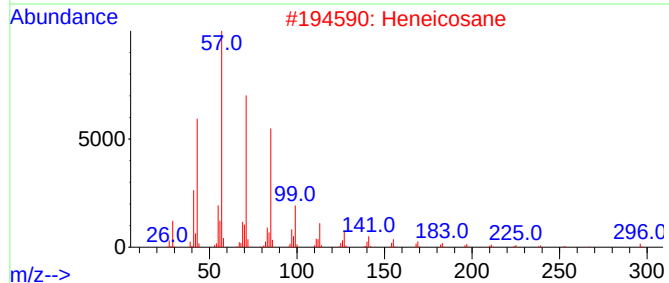
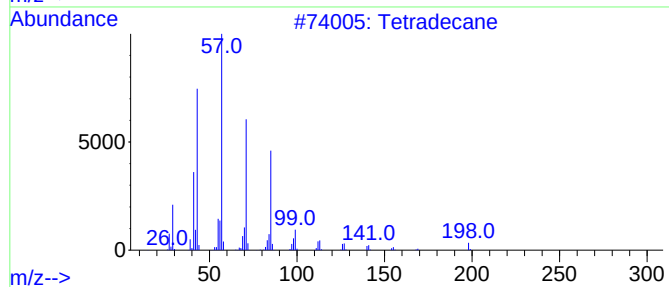
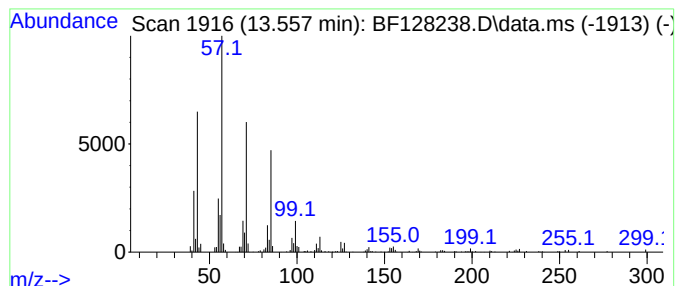
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TIC Integration Parameters: LSCINT.P

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Peak Number 13 Tetradecane Concentration Rank 10

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 13.557 | 10.17 ng | 260994 | Chrysene-d12     | 14.063 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Tetradecane  | 198 | C14H30  | 000629-59-4 | 90   |
| 2    |      | Heneicosane  | 296 | C21H44  | 000629-94-7 | 90   |
| 3    |      | Heptadecane  | 240 | C17H36  | 000629-78-7 | 87   |
| 4    |      | Nonadecane   | 268 | C19H40  | 000629-92-5 | 86   |
| 5    |      | Hexadecane   | 226 | C16H34  | 000544-76-3 | 86   |



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Data File : BF128238.D  
Acq On : 13 May 2022 14:46  
Operator : CG\JU  
Sample : N2823-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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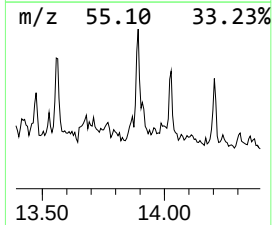
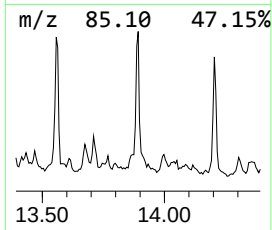
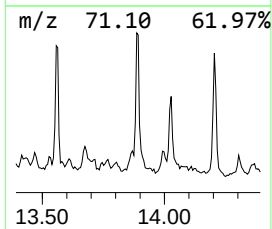
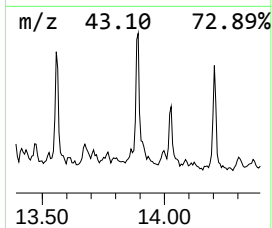
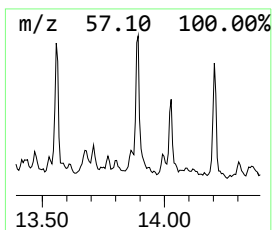
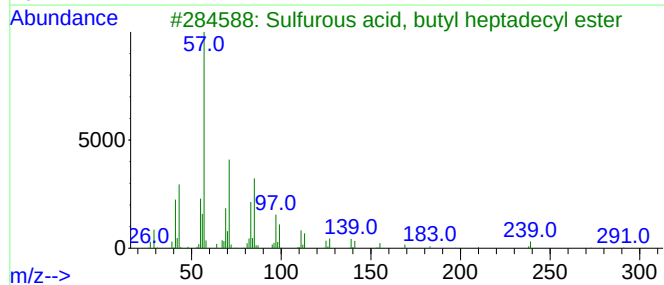
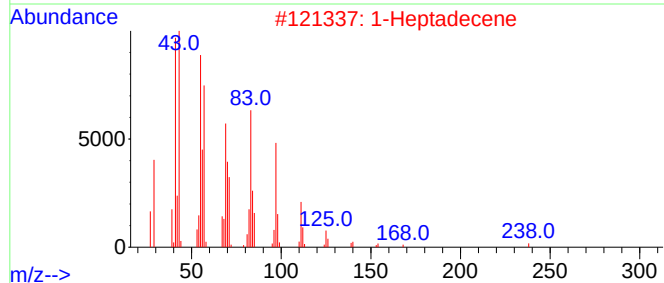
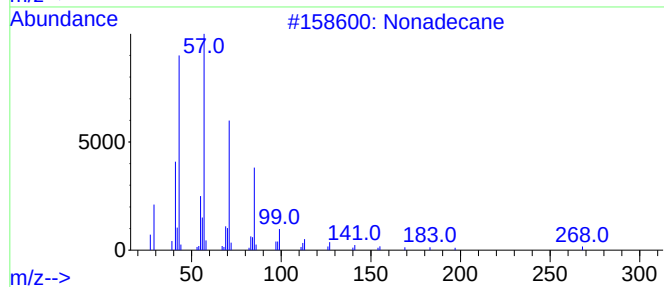
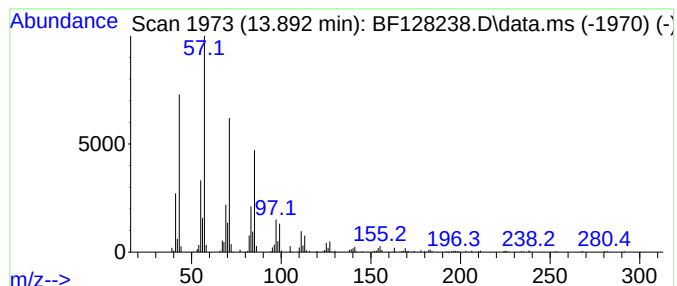
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Peak Number 14 Nonadecane Concentration Rank 12

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.892 | 8.91 ng | 228539 | Chrysene-d12     | 14.063 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Nonadecane                          | 268 | C19H40    | 000629-92-5  | 95   |
| 2    |    |   | 1-Heptadecene                       | 238 | C17H34    | 006765-39-5  | 93   |
| 3    |    |   | Sulfurous acid, butyl heptadecyl... | 376 | C21H44O3S | 1000309-18-4 | 91   |
| 4    |    |   | Sulfurous acid, butyl tetradecyl... | 334 | C18H38O3S | 1010309-18-1 | 91   |
| 5    |    |   | Sulfurous acid, butyl hexadecyl ... | 362 | C20H42O3S | 1000309-18-3 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
Data File : BF128238.D  
Acq On : 13 May 2022 14:46  
Operator : CG\JU  
Sample : N2823-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

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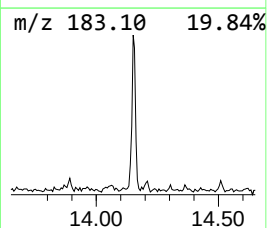
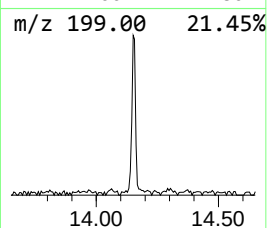
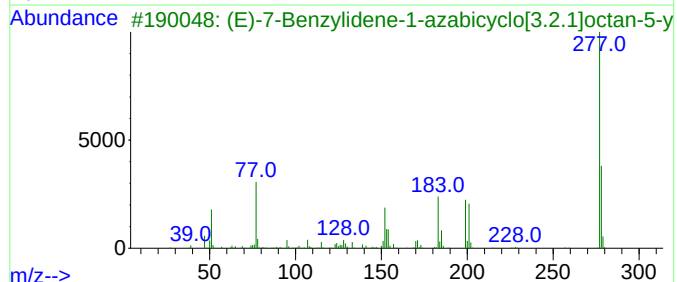
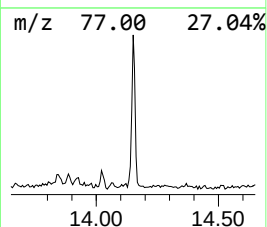
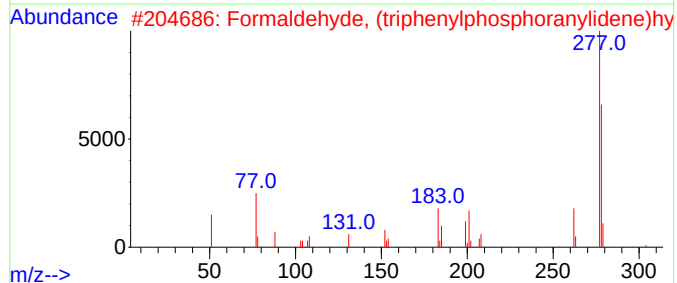
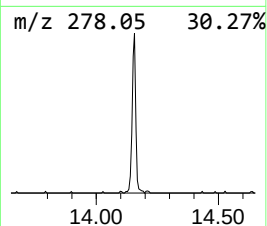
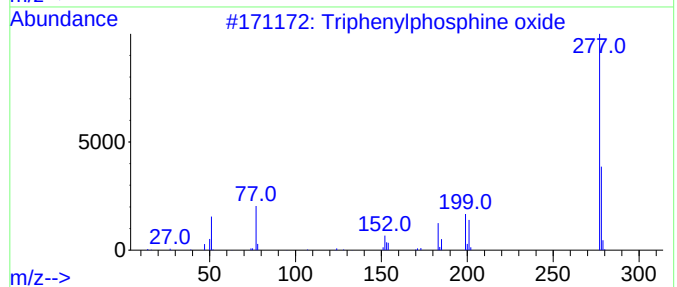
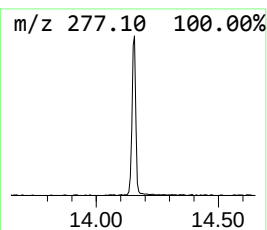
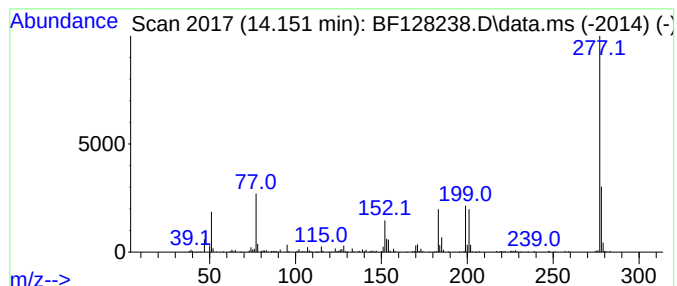
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 Triphenylphosphine oxide Concentration Rank 15

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.151 | 7.00 ng | 179542 | Chrysene-d12     | 14.063 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Triphenylphosphine oxide            | 278 | C18H15OP   | 000791-28-6  | 97   |
| 2    |    |   | Formaldehyde, (triphenylphosphor... | 304 | C19H17N2P  | 015990-54-2  | 64   |
| 3    |    |   | (E)-7-Benzylidene-1-azabicyclo[3... | 293 | C15H19N03S | 1000483-83-4 | 62   |
| 4    |    |   | Carbazol-1-one, 1,2,3,4-tetrahyd... | 277 | C18H15N02  | 299962-12-2  | 38   |
| 5    |    |   | Cobalt,(.eta.<5>-2,4-cyclopentad... | 277 | C16H15BCo  | 036682-12-9  | 35   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
Data File : BF128238.D  
Acq On : 13 May 2022 14:46  
Operator : CG\JU  
Sample : N2823-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SC-7

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

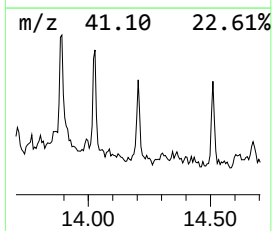
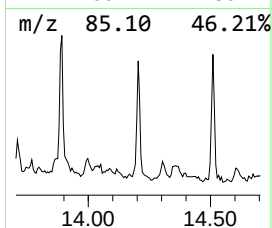
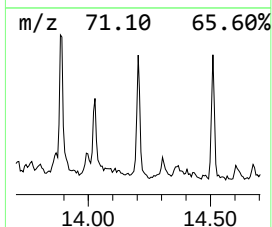
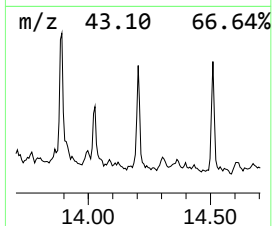
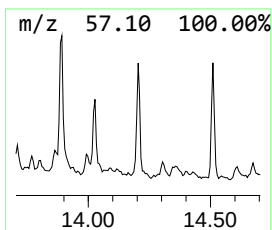
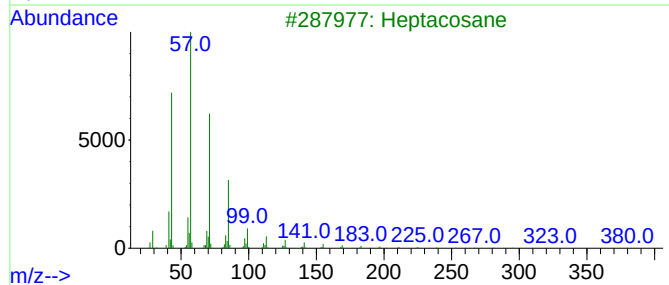
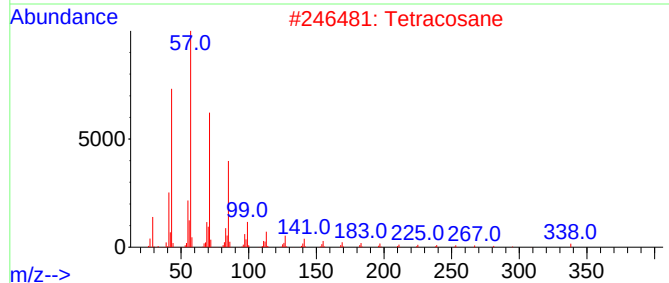
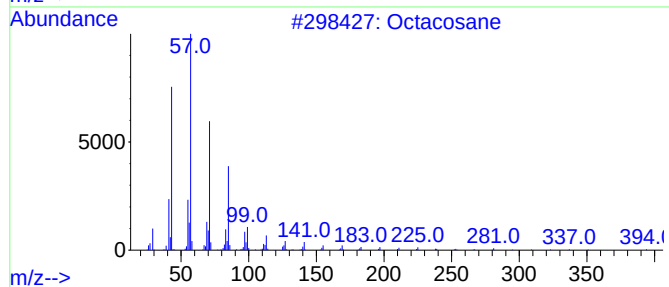
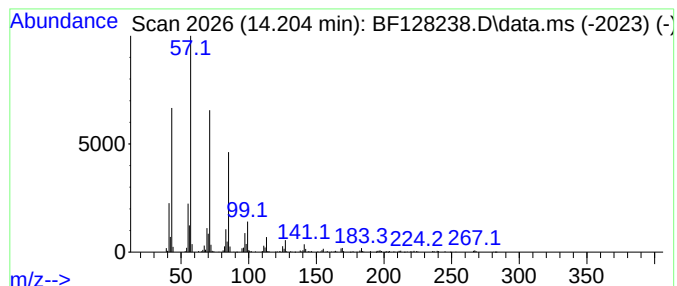
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TIC Integration Parameters: LSCINT.P

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Peak Number 16 Octacosane Concentration Rank 18

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.204 | 6.59 ng | 169053 | Chrysene-d12     | 14.063 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Octacosane   | 394 | C28H58  | 000630-02-4 | 91   |
| 2    |      | Tetracosane  | 338 | C24H50  | 000646-31-1 | 91   |
| 3    |      | Heptacosane  | 380 | C27H56  | 000593-49-7 | 91   |
| 4    |      | Heptadecane  | 240 | C17H36  | 000629-78-7 | 90   |
| 5    |      | Octadecane   | 254 | C18H38  | 000593-45-3 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
Data File : BF128238.D  
Acq On : 13 May 2022 14:46  
Operator : CG\JU  
Sample : N2823-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SC-7

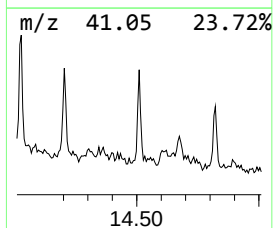
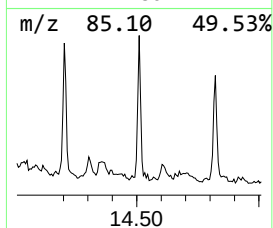
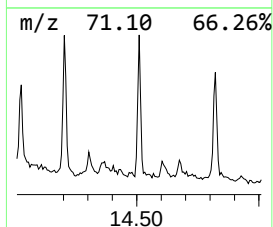
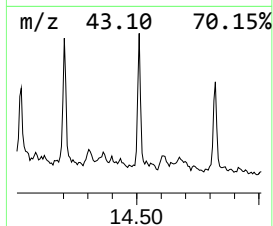
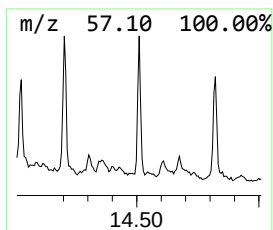
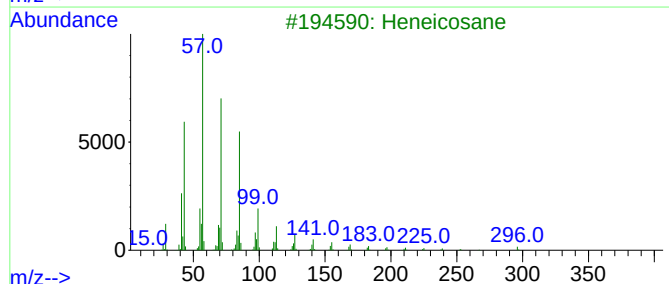
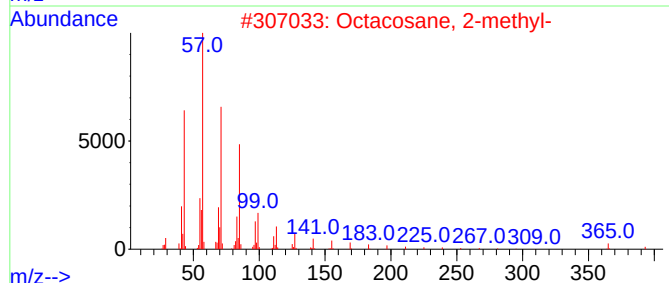
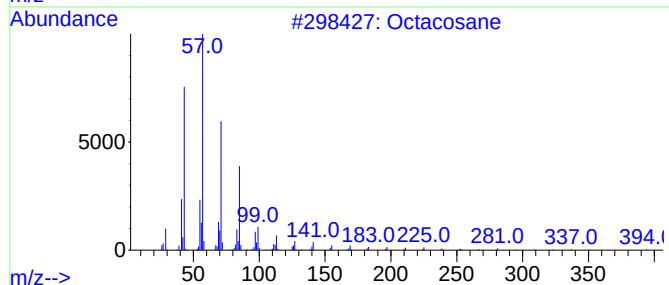
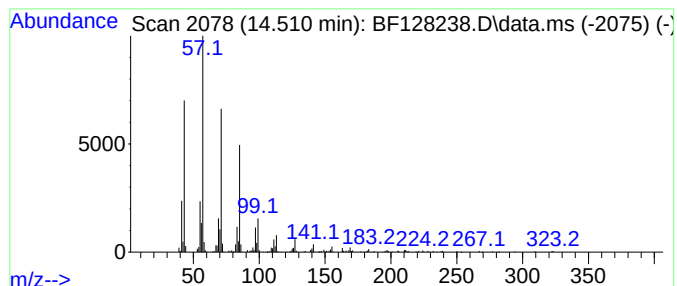
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 Octacosane, 2-methyl- Concentration Rank 14

| R.T.      | EstConc               | Area   | Relative to ISTD |         | R.T.        |      |
|-----------|-----------------------|--------|------------------|---------|-------------|------|
| 14.510    | 7.23 ng               | 185388 | Chrysene-d12     |         | 14.063      |      |
| Hit# of 5 | Tentative ID          |        | MW               | MolForm | CAS#        | Qual |
| 1         | Octacosane            |        | 394              | C28H58  | 000630-02-4 | 91   |
| 2         | Octacosane, 2-methyl- |        | 408              | C29H60  | 001560-98-1 | 91   |
| 3         | Heneicosane           |        | 296              | C21H44  | 000629-94-7 | 91   |
| 4         | Tetracosane           |        | 338              | C24H50  | 000646-31-1 | 91   |
| 5         | Nonadecane            |        | 268              | C19H40  | 000629-92-5 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
Data File : BF128238.D  
Acq On : 13 May 2022 14:46  
Operator : CG\JU  
Sample : N2823-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SC-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

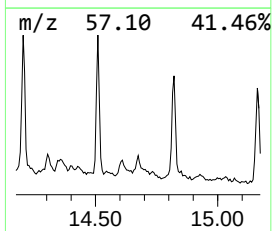
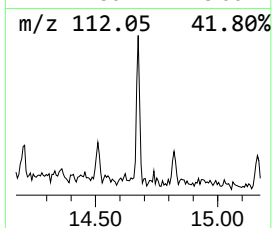
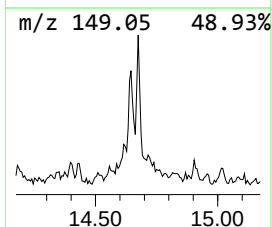
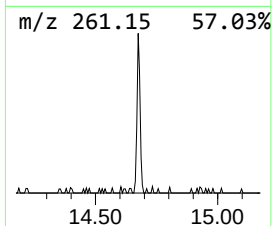
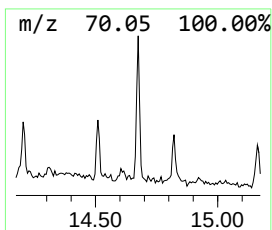
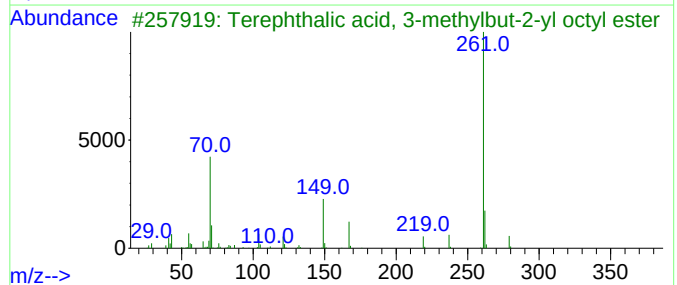
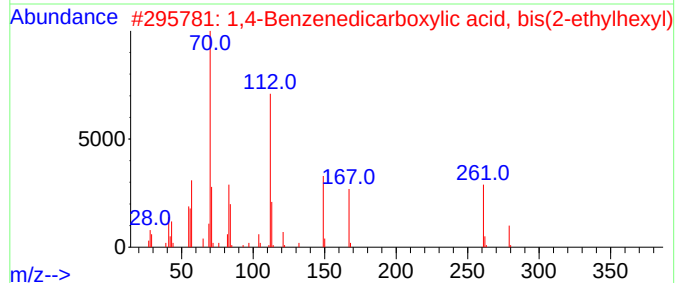
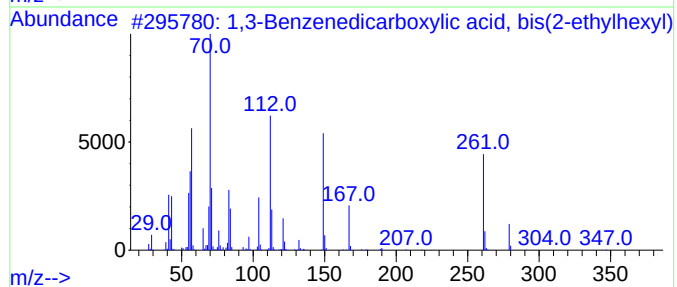
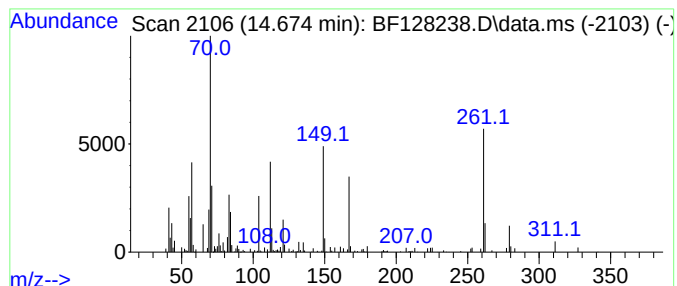
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Peak Number 18 1,3-Benzenedicarboxylic aci... Concentration Rank 17

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.674 | 6.61 ng | 169703 | Chrysene-d12     | 14.063 |

| Hit# | of 5                                | Tentative ID | MW         | MolForm      | CAS# | Qual |
|------|-------------------------------------|--------------|------------|--------------|------|------|
| 1    | 1,3-Benzenedicarboxylic acid, bi... | 390          | C24H3804   | 000137-89-3  | 74   |      |
| 2    | 1,4-Benzenedicarboxylic acid, bi... | 390          | C24H3804   | 006422-86-2  | 50   |      |
| 3    | Terephthalic acid, 3-methylbut-2... | 348          | C21H3204   | 1000356-27-6 | 47   |      |
| 4    | Terephthalic acid, monochloride,... | 296          | C16H21ClO3 | 1000324-22-9 | 47   |      |
| 5    | Carbonic acid, ethyl 2-ethylhexy... | 202          | C11H2203   | 1000383-13-1 | 38   |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
Data File : BF128238.D  
Acq On : 13 May 2022 14:46  
Operator : CG\JU  
Sample : N2823-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SC-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

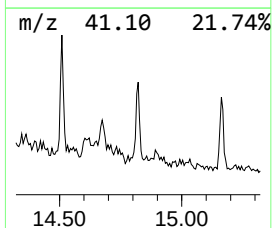
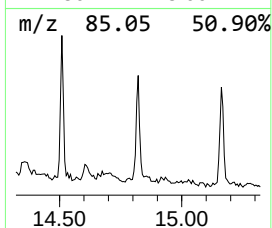
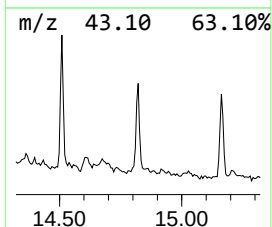
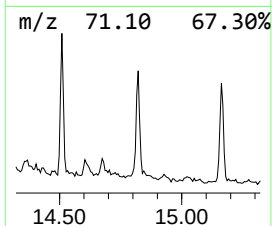
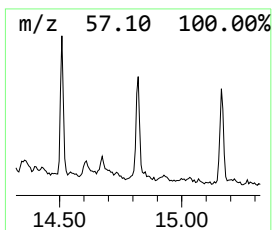
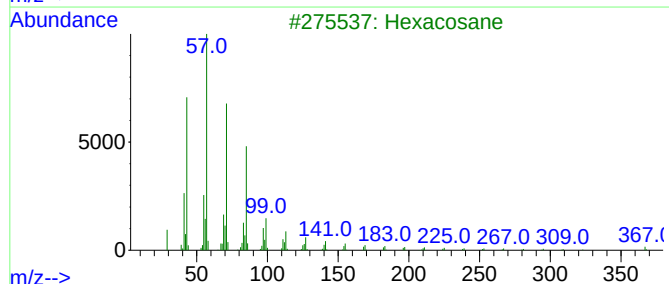
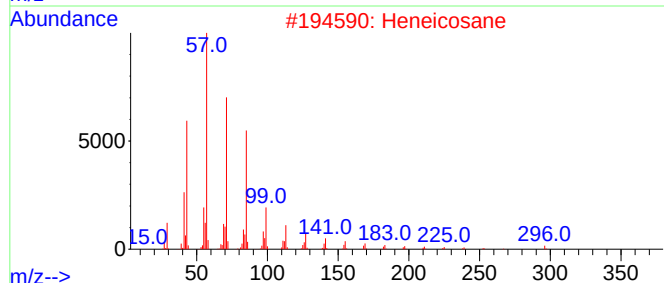
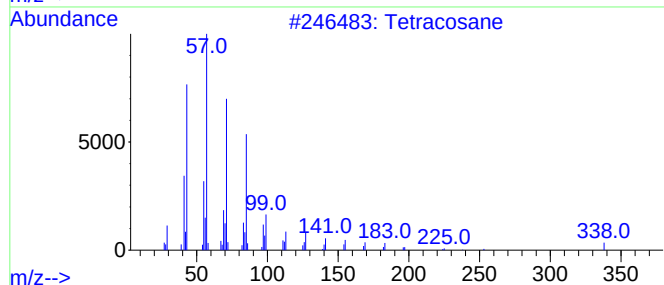
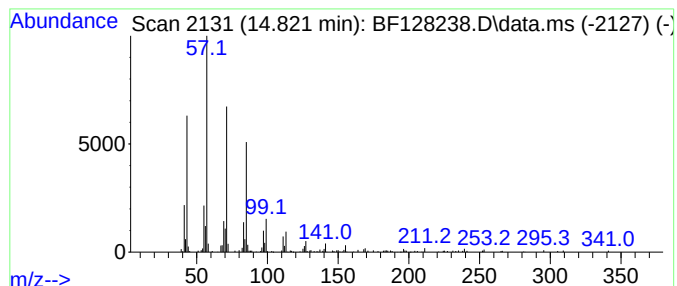
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 Tetracosane Concentration Rank 20

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 14.821 | 6.21 ng | 146062 | Perylene-d12     | 15.557 |

| Hit# | of 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|------|--------------|-----|---------|-------------|------|
| 1    |      | Tetracosane  | 338 | C24H50  | 000646-31-1 | 91   |
| 2    |      | Heneicosane  | 296 | C21H44  | 000629-94-7 | 91   |
| 3    |      | Hexacosane   | 366 | C26H54  | 000630-01-3 | 91   |
| 4    |      | Nonadecane   | 268 | C19H40  | 000629-92-5 | 86   |
| 5    |      | Heptadecane  | 240 | C17H36  | 000629-78-7 | 86   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
Data File : BF128238.D  
Acq On : 13 May 2022 14:46  
Operator : CG\JU  
Sample : N2823-07  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SC-7

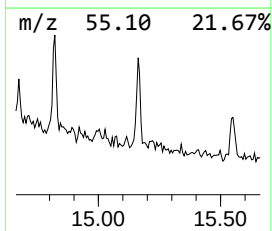
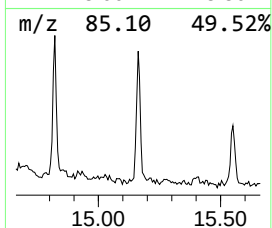
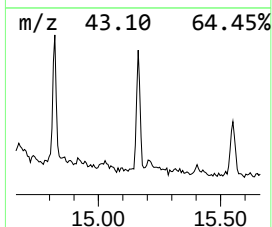
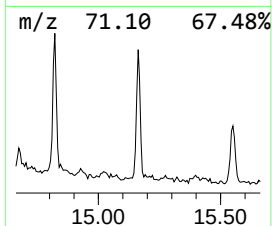
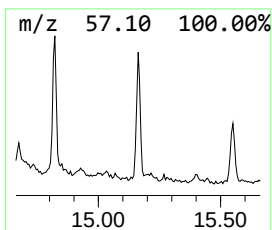
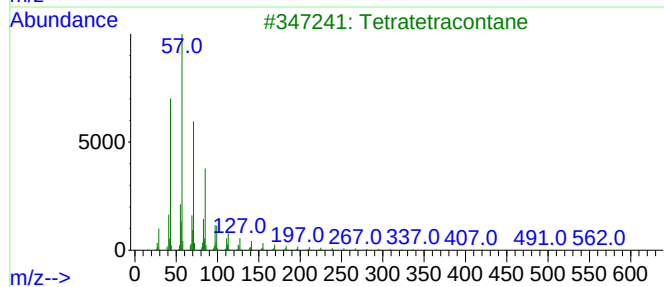
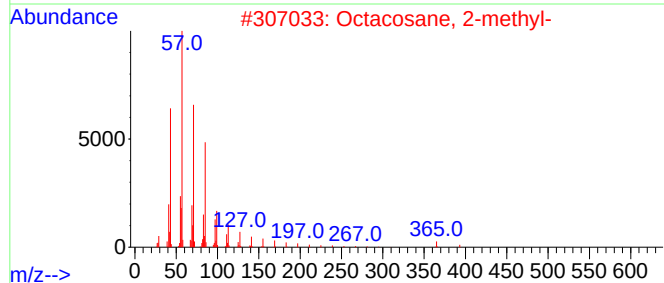
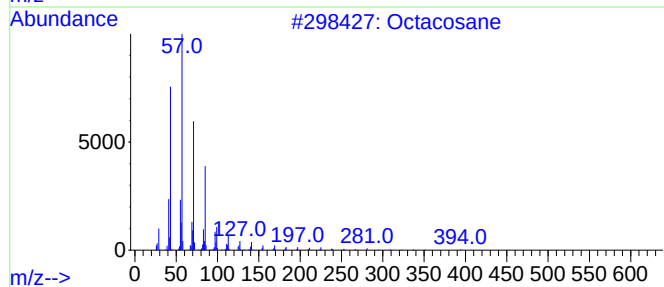
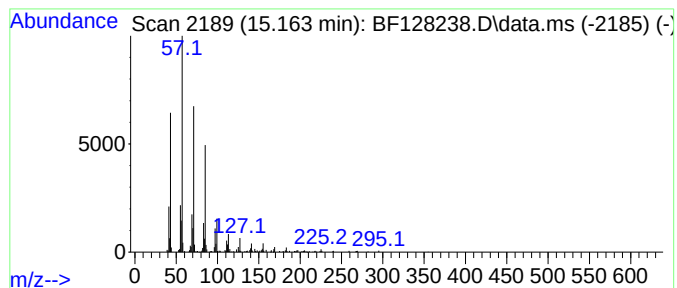
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 20 Tetratetracontane Concentration Rank 19

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.163 | 6.58 ng | 154746 | Perylene-d12     | 15.557 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Octacosane            | 394 | C28H58  | 000630-02-4 | 91   |
| 2    |    |   | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 91   |
| 3    |    |   | Tetratetracontane     | 619 | C44H90  | 007098-22-8 | 91   |
| 4    |    |   | Hexacosane            | 366 | C26H54  | 000630-01-3 | 91   |
| 5    |    |   | Heneicosane           | 296 | C21H44  | 000629-94-7 | 91   |





Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
 Data File : BF128238.D  
 Acq On : 13 May 2022 14:46  
 Operator : CG\JU  
 Sample : N2823-07  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SC-7

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.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 |
| Ethanol, 2-prop... | 4.598  | 43.9    | ng    | 884135   | 1                     | 6.887  | 402491 | 20.0 |
| 2-Pentanone, 4-... | 5.104  | 18.0    | ng    | 362699   | 1                     | 6.887  | 402491 | 20.0 |
| Ethanol, 2-butoxy- | 5.863  | 149.4   | ng    | 3006140  | 1                     | 6.887  | 402491 | 20.0 |
| unknown6.628       | 6.628  | 32.3    | ng    | 648924   | 1                     | 6.887  | 402491 | 20.0 |
| 2-Pyrrolidinone... | 7.069  | 106.8   | ng    | 2148280  | 1                     | 6.887  | 402491 | 20.0 |
| 2-Butoxyethyl a... | 7.363  | 27.8    | ng    | 560316   | 1                     | 6.887  | 402491 | 20.0 |
| 2,4,7,9-Tetrame... | 9.351  | 16.0    | ng    | 485282   | 3                     | 9.928  | 604972 | 20.0 |
| Cyclodecane        | 9.722  | 10.0    | ng    | 302044   | 3                     | 9.928  | 604972 | 20.0 |
| 1,2-Propanediol... | 10.469 | 13.3    | ng    | 402983   | 3                     | 9.928  | 604972 | 20.0 |
| Hexadecane, 1-i... | 12.863 | 6.7     | ng    | 170751   | 5                     | 14.063 | 513134 | 20.0 |
| unknown12.910      | 12.910 | 37.3    | ng    | 957130   | 5                     | 14.063 | 513134 | 20.0 |
| Hexacosane         | 13.216 | 8.2     | ng    | 209914   | 5                     | 14.063 | 513134 | 20.0 |
| Tetradecane        | 13.557 | 10.2    | ng    | 260994   | 5                     | 14.063 | 513134 | 20.0 |
| Nonadecane         | 13.892 | 8.9     | ng    | 228539   | 5                     | 14.063 | 513134 | 20.0 |
| Triphenylphosph... | 14.151 | 7.0     | ng    | 179542   | 5                     | 14.063 | 513134 | 20.0 |
| Octacosane         | 14.204 | 6.6     | ng    | 169053   | 5                     | 14.063 | 513134 | 20.0 |
| Octacosane, 2-m... | 14.510 | 7.2     | ng    | 185388   | 5                     | 14.063 | 513134 | 20.0 |
| 1,3-Benzenedica... | 14.674 | 6.6     | ng    | 169703   | 5                     | 14.063 | 513134 | 20.0 |
| Tetracosane        | 14.821 | 6.2     | ng    | 146062   | 6                     | 15.557 | 470400 | 20.0 |
| Tetratetracontane  | 15.163 | 6.6     | ng    | 154746   | 6                     | 15.557 | 470400 | 20.0 |