

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070124\  
 Data File : BF138413.D  
 Acq On : 01 Jul 2024 20:04  
 Operator : CG\JU  
 Sample : P3077-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1-N-1

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-BF062824.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF138413.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         | 2.175       | 9             | 15          | 20           | rVB      | 2220433        | 2723429       | 82.06%          | 8.310%        |
| 2         | 2.281       | 29            | 33          | 39           | rVB      | 33302          | 44860         | 1.35%           | 0.137%        |
| 3         | 3.399       | 220           | 223         | 235          | rBV      | 55587          | 126050        | 3.80%           | 0.385%        |
| 4         | 3.963       | 315           | 319         | 324          | rBV      | 32423          | 39983         | 1.20%           | 0.122%        |
| 5         | 5.093       | 508           | 511         | 519          | rVB      | 282140         | 337293        | 10.16%          | 1.029%        |
| 6         | 5.504       | 576           | 581         | 584          | rBV      | 3575190        | 3261404       | 98.27%          | 9.951%        |
| 7         | 5.822       | 631           | 635         | 640          | rVB      | 43188          | 38869         | 1.17%           | 0.119%        |
| 8         | 6.510       | 747           | 752         | 755          | rBV      | 3725255        | 3318672       | 100.00%         | 10.126%       |
| 9         | 6.698       | 781           | 784         | 788          | rBV2     | 100743         | 90716         | 2.73%           | 0.277%        |
| 10        | 6.875       | 810           | 814         | 817          | rVV      | 1516551        | 1178032       | 35.50%          | 3.594%        |
| 11        | 6.934       | 820           | 824         | 827          | rBV      | 44123          | 37807         | 1.14%           | 0.115%        |
| 12        | 7.434       | 904           | 909         | 912          | rBV      | 2382199        | 2105730       | 63.45%          | 6.425%        |
| 13        | 7.463       | 912           | 914         | 918          | rVB      | 49292          | 38521         | 1.16%           | 0.118%        |
| 14        | 7.687       | 948           | 952         | 956          | rVB      | 150791         | 115822        | 3.49%           | 0.353%        |
| 15        | 8.151       | 1028          | 1031        | 1034         | rVB      | 1593479        | 1375175       | 41.44%          | 4.196%        |
| 16        | 8.369       | 1062          | 1068        | 1071         | rBV      | 45633          | 42332         | 1.28%           | 0.129%        |
| 17        | 8.463       | 1081          | 1084        | 1087         | rVB      | 231574         | 179593        | 5.41%           | 0.548%        |
| 18        | 8.739       | 1128          | 1131        | 1135         | rBV      | 82227          | 61293         | 1.85%           | 0.187%        |
| 19        | 9.228       | 1210          | 1214        | 1217         | rBV      | 3548270        | 2744911       | 82.71%          | 8.375%        |
| 20        | 9.304       | 1224          | 1227        | 1230         | rBV      | 96551          | 74377         | 2.24%           | 0.227%        |
| 21        | 9.563       | 1268          | 1271        | 1273         | rBV      | 44548          | 38520         | 1.16%           | 0.118%        |
| 22        | 9.833       | 1311          | 1317        | 1321         | rBV2     | 56756          | 52988         | 1.60%           | 0.162%        |
| 23        | 9.904       | 1326          | 1329        | 1333         | rVV      | 1554814        | 1301886       | 39.23%          | 3.972%        |
| 24        | 9.939       | 1333          | 1335        | 1338         | rVV      | 80237          | 63467         | 1.91%           | 0.194%        |
| 25        | 10.004      | 1341          | 1346        | 1351         | rVB      | 116390         | 149384        | 4.50%           | 0.456%        |
| 26        | 10.110      | 1359          | 1364        | 1368         | rVB2     | 54627          | 54679         | 1.65%           | 0.167%        |
| 27        | 10.451      | 1419          | 1422        | 1426         | rBV      | 100933         | 86064         | 2.59%           | 0.263%        |
| 28        | 10.692      | 1459          | 1463        | 1470         | rBV      | 1652004        | 1356103       | 40.86%          | 4.138%        |
| 29        | 10.804      | 1479          | 1482        | 1487         | rBV3     | 63635          | 81450         | 2.45%           | 0.249%        |
| 30        | 10.998      | 1510          | 1515        | 1518         | rBV2     | 34243          | 42462         | 1.28%           | 0.130%        |
| 31        | 11.251      | 1552          | 1558        | 1560         | rBV3     | 33414          | 46012         | 1.39%           | 0.140%        |
| 32        | 11.286      | 1560          | 1564        | 1569         | rVB2     | 58103          | 63677         | 1.92%           | 0.194%        |
| 33        | 11.392      | 1578          | 1582        | 1584         | rBV      | 1189044        | 1028520       | 30.99%          | 3.138%        |
| 34        | 11.416      | 1584          | 1586        | 1589         | rVV      | 658203         | 490511        | 14.78%          | 1.497%        |
| 35        | 11.463      | 1591          | 1594        | 1597         | rVB      | 167246         | 145548        | 4.39%           | 0.444%        |
| 36        | 11.622      | 1618          | 1621        | 1629         | rVB2     | 32927          | 38354         | 1.16%           | 0.117%        |

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 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1-N-1

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-BF062824.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 11.892 | 1663 | 1667 | 1668 | rBV  | 94886   | 81807   | 2.47%  | 0.250% |
| 38 | 11.916 | 1668 | 1671 | 1676 | rVV2 | 218615  | 236984  | 7.14%  | 0.723% |
| 39 | 11.963 | 1677 | 1679 | 1682 | rVV  | 52439   | 56429   | 1.70%  | 0.172% |
| 40 | 12.004 | 1682 | 1686 | 1688 | rVV2 | 160155  | 171467  | 5.17%  | 0.523% |
| 41 | 12.022 | 1688 | 1689 | 1694 | rVB  | 65366   | 55671   | 1.68%  | 0.170% |
| 42 | 12.186 | 1714 | 1717 | 1719 | rBV  | 61027   | 51821   | 1.56%  | 0.158% |
| 43 | 12.439 | 1756 | 1760 | 1763 | rBV  | 63393   | 70047   | 2.11%  | 0.214% |
| 44 | 12.475 | 1763 | 1766 | 1769 | rVV3 | 50742   | 65520   | 1.97%  | 0.200% |
| 45 | 12.522 | 1772 | 1774 | 1781 | rBV2 | 49041   | 56321   | 1.70%  | 0.172% |
| 46 | 12.604 | 1784 | 1788 | 1791 | rBV  | 1030273 | 854638  | 25.75% | 2.608% |
| 47 | 12.698 | 1801 | 1804 | 1808 | rBV2 | 45339   | 54846   | 1.65%  | 0.167% |
| 48 | 12.833 | 1821 | 1827 | 1832 | rVV  | 781976  | 889818  | 26.81% | 2.715% |
| 49 | 12.874 | 1832 | 1834 | 1839 | rVB2 | 42808   | 52796   | 1.59%  | 0.161% |
| 50 | 12.974 | 1847 | 1851 | 1854 | rVB  | 2405411 | 1977164 | 59.58% | 6.033% |
| 51 | 13.045 | 1859 | 1863 | 1867 | rBV2 | 59969   | 98518   | 2.97%  | 0.301% |
| 52 | 13.133 | 1875 | 1878 | 1880 | rBV3 | 43363   | 60110   | 1.81%  | 0.183% |
| 53 | 13.157 | 1880 | 1882 | 1885 | rVB  | 158109  | 127634  | 3.85%  | 0.389% |
| 54 | 13.204 | 1885 | 1890 | 1891 | rBV3 | 30285   | 41577   | 1.25%  | 0.127% |
| 55 | 13.222 | 1891 | 1893 | 1896 | rVB  | 134683  | 100981  | 3.04%  | 0.308% |
| 56 | 13.263 | 1896 | 1900 | 1902 | rBV2 | 91222   | 90960   | 2.74%  | 0.278% |
| 57 | 13.351 | 1913 | 1915 | 1918 | rBV  | 54397   | 46462   | 1.40%  | 0.142% |
| 58 | 13.380 | 1918 | 1920 | 1924 | rBV2 | 50764   | 57150   | 1.72%  | 0.174% |
| 59 | 13.663 | 1965 | 1968 | 1972 | rVB  | 56430   | 63597   | 1.92%  | 0.194% |
| 60 | 13.774 | 1984 | 1987 | 1990 | rBV3 | 66843   | 71709   | 2.16%  | 0.219% |
| 61 | 13.804 | 1990 | 1992 | 1994 | rVV  | 71688   | 56010   | 1.69%  | 0.171% |
| 62 | 13.827 | 1994 | 1996 | 2000 | rVV2 | 51855   | 68990   | 2.08%  | 0.210% |
| 63 | 13.869 | 2000 | 2003 | 2009 | rVB2 | 232656  | 266320  | 8.02%  | 0.813% |
| 64 | 14.027 | 2022 | 2030 | 2032 | rBV2 | 1268079 | 1532671 | 46.18% | 4.676% |
| 65 | 14.051 | 2032 | 2034 | 2037 | rVB  | 420889  | 317587  | 9.57%  | 0.969% |
| 66 | 14.127 | 2045 | 2047 | 2050 | rVB  | 61930   | 54779   | 1.65%  | 0.167% |
| 67 | 14.410 | 2093 | 2095 | 2098 | rVB  | 77579   | 66457   | 2.00%  | 0.203% |
| 68 | 14.445 | 2099 | 2101 | 2103 | rVB  | 49503   | 35772   | 1.08%  | 0.109% |
| 69 | 14.492 | 2106 | 2109 | 2114 | rBV3 | 76658   | 122734  | 3.70%  | 0.374% |
| 70 | 14.798 | 2159 | 2161 | 2165 | rBV  | 46850   | 38679   | 1.17%  | 0.118% |
| 71 | 15.063 | 2202 | 2206 | 2209 | rBV  | 259056  | 377789  | 11.38% | 1.153% |
| 72 | 15.139 | 2216 | 2219 | 2222 | rBV  | 66409   | 67526   | 2.03%  | 0.206% |
| 73 | 15.168 | 2222 | 2224 | 2228 | rVB  | 59032   | 57280   | 1.73%  | 0.175% |
| 74 | 15.368 | 2254 | 2258 | 2264 | rVB  | 138503  | 181075  | 5.46%  | 0.552% |
| 75 | 15.427 | 2265 | 2268 | 2274 | rVB  | 211756  | 249902  | 7.53%  | 0.762% |
| 76 | 15.492 | 2275 | 2279 | 2283 | rBV2 | 560340  | 721125  | 21.73% | 2.200% |

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Sample : P3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1-N-1

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-BF062824.M  
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |       |        |       |        |
|----|--------|------|------|------|------|-------|--------|-------|--------|
| 77 | 16.957 | 2525 | 2528 | 2536 | rVB2 | 78990 | 151440 | 4.56% | 0.462% |
|----|--------|------|------|------|------|-------|--------|-------|--------|

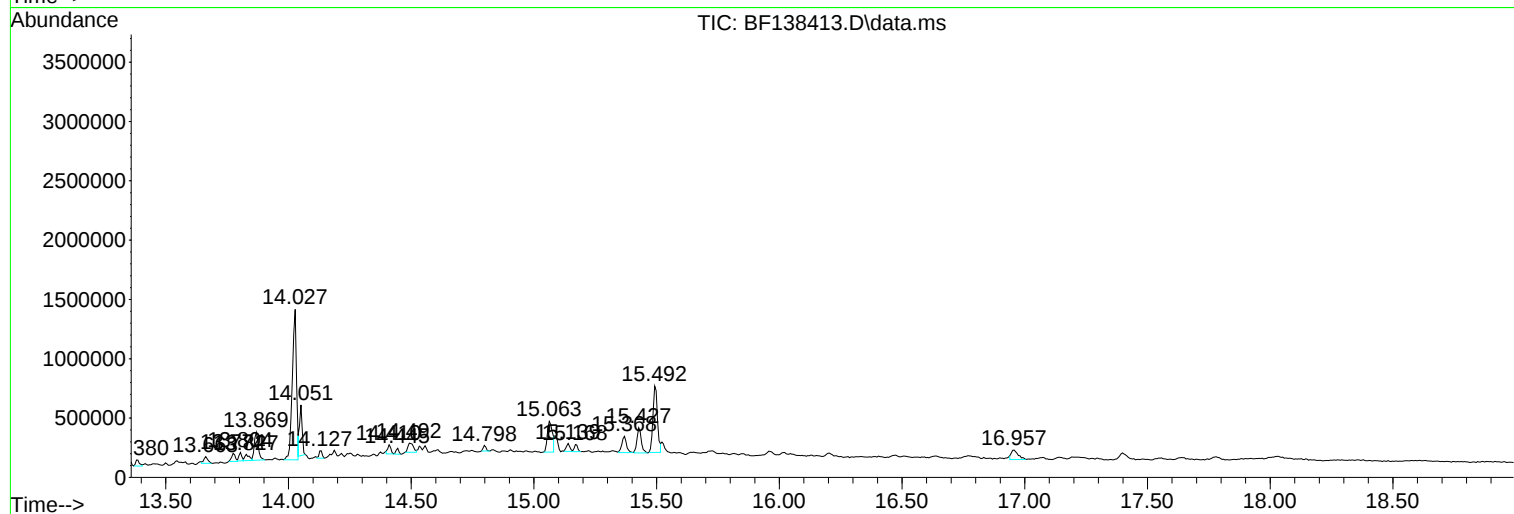
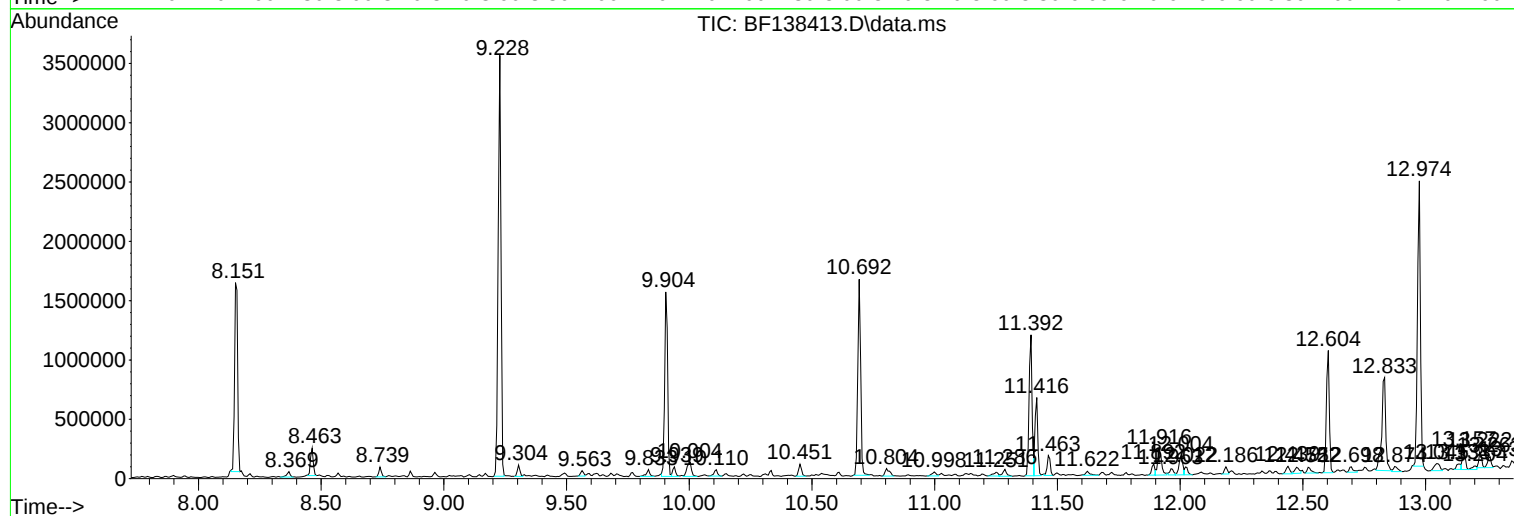
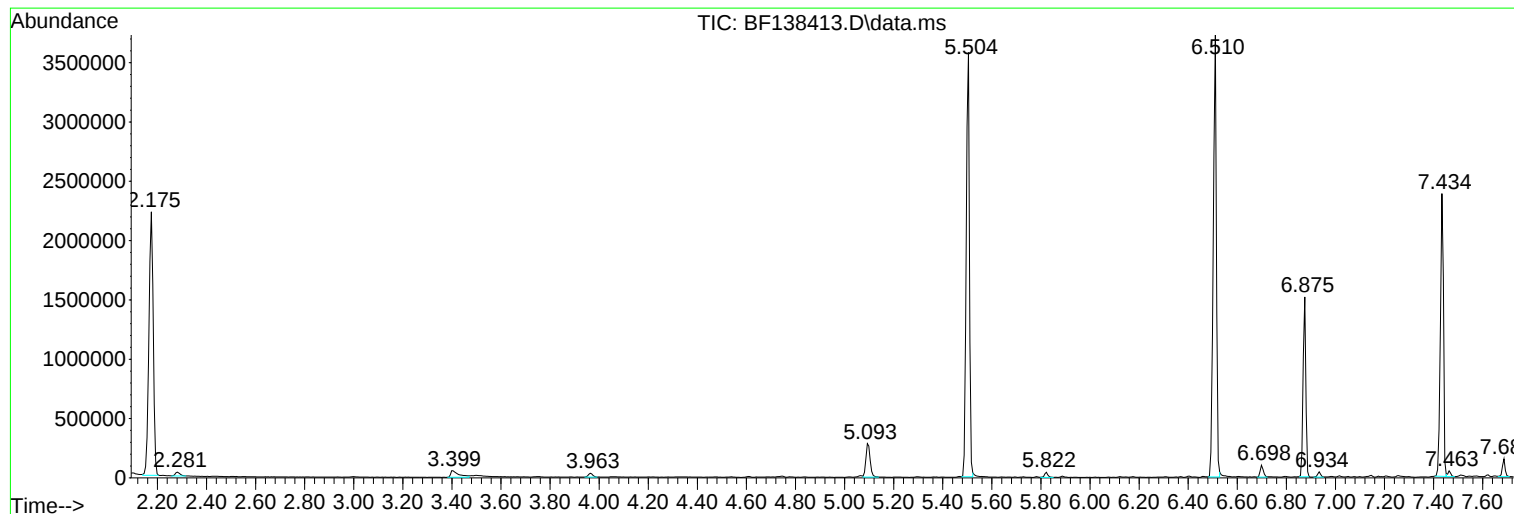
Sum of corrected areas: 32774657

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070124\  
Data File : BF138413.D  
Acq On : 01 Jul 2024 20:04  
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Sample : P3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1-N-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.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\BF070124\  
Data File : BF138413.D  
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Sample : P3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1-N-1

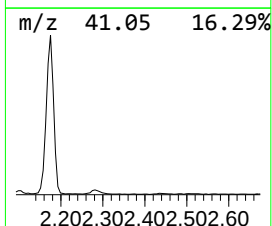
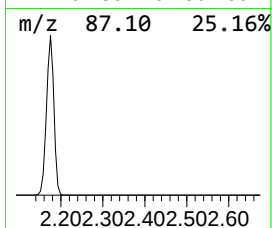
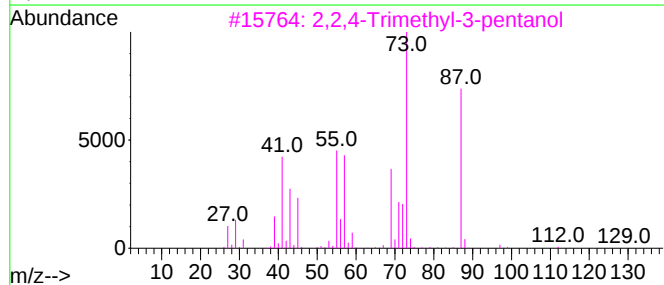
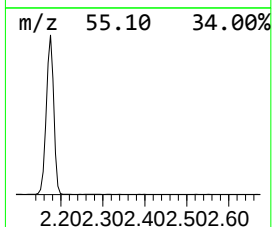
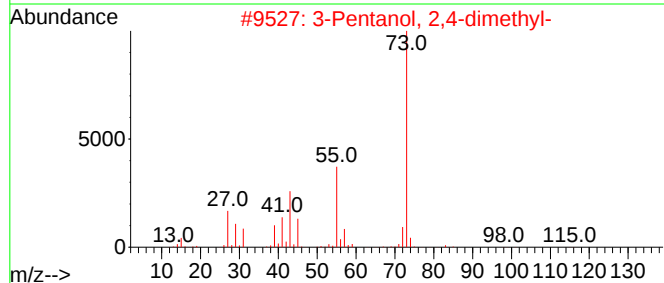
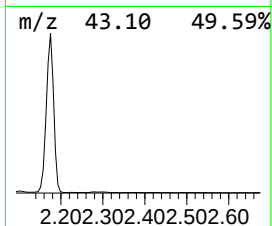
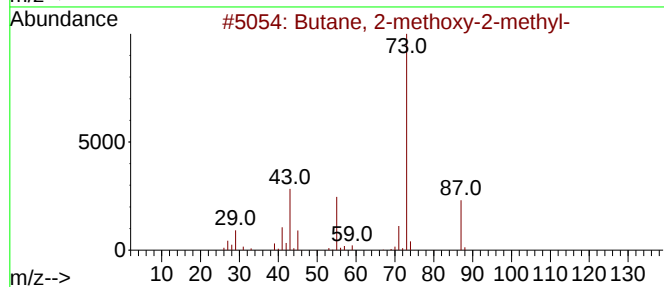
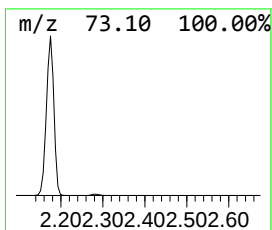
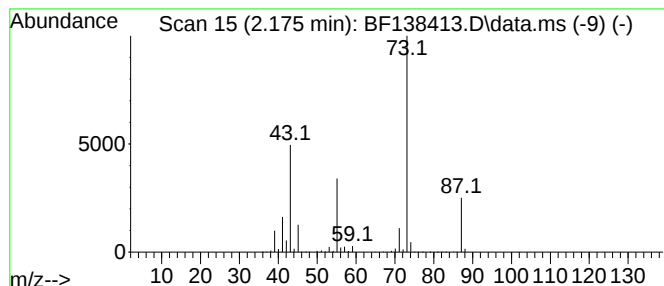
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.  |
|-------|----------|---------|------------------------|-------|
| 2.175 | 46.24 ng | 2723430 | 1,4-Dichlorobenzene-d4 | 6.875 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    |   | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 43   |
| 3    |    |   | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 40   |
| 4    |    |   | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 32   |
| 5    |    |   | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 17   |



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ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1-N-1

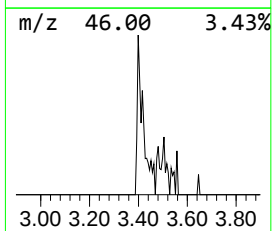
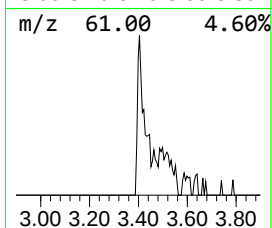
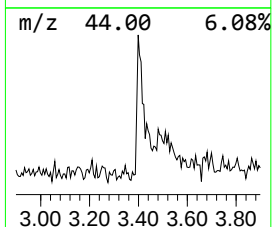
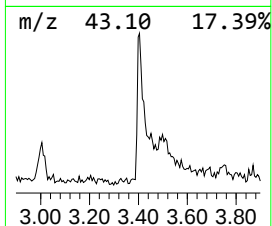
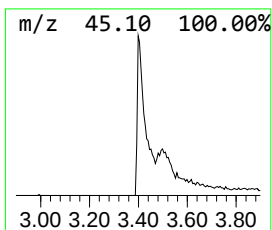
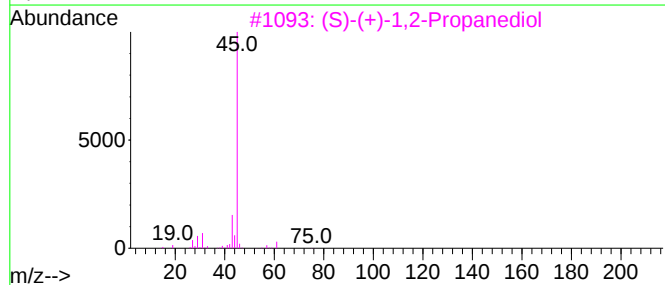
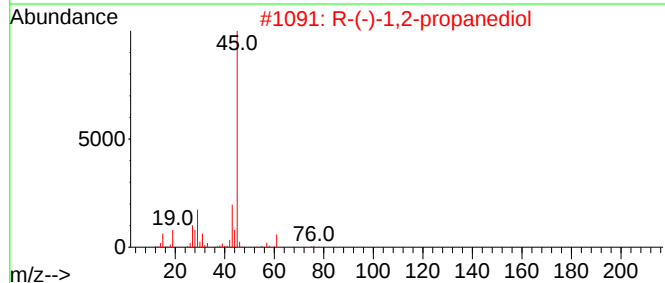
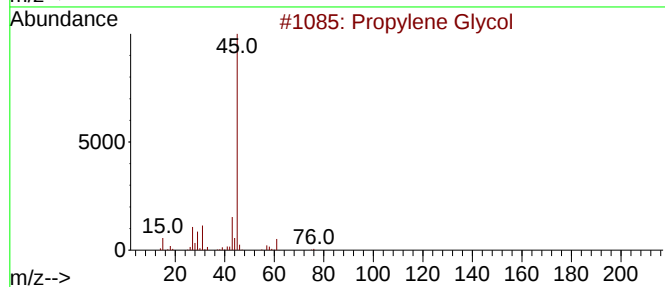
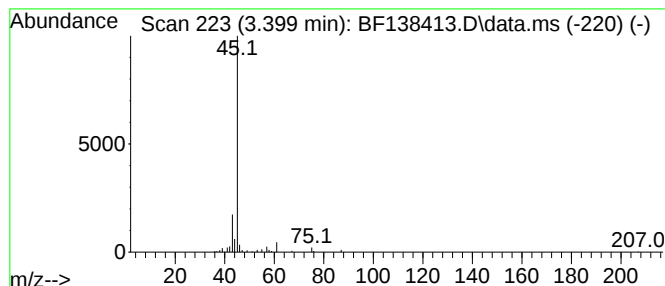
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 Propylene Glycol Concentration Rank 9

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 3.399 | 2.14 ng | 126050 | 1,4-Dichlorobenzene-d4 | 6.875 |

| Hit# | of | 5 | Tentative ID                 | MW | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|----|---------|-------------|------|
| 1    |    |   | Propylene Glycol             | 76 | C3H8O2  | 000057-55-6 | 78   |
| 2    |    |   | R-(-)-1,2-propanediol        | 76 | C3H8O2  | 004254-14-2 | 72   |
| 3    |    |   | (S)-(+)-1,2-Propanediol      | 76 | C3H8O2  | 004254-15-3 | 56   |
| 4    |    |   | 2,3-Butanediol, [S-(R*,R*)]- | 90 | C4H10O2 | 019132-06-0 | 9    |
| 5    |    |   | L-Lactic acid                | 90 | C3H6O3  | 000079-33-4 | 9    |



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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

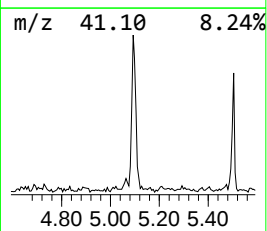
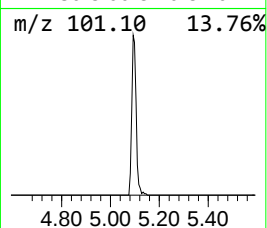
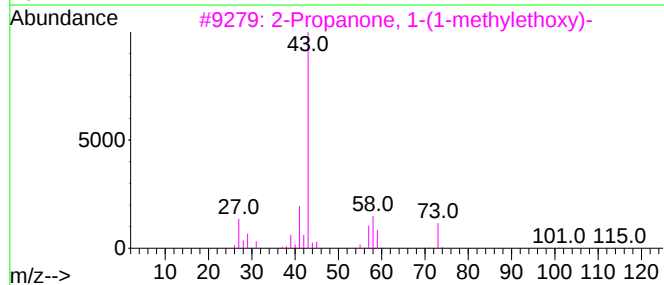
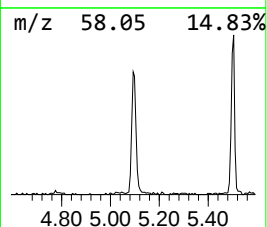
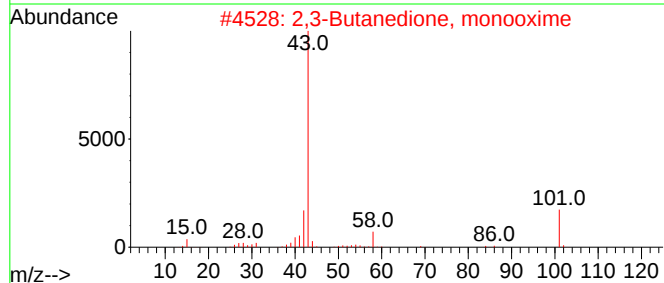
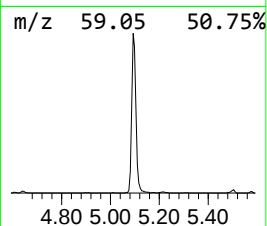
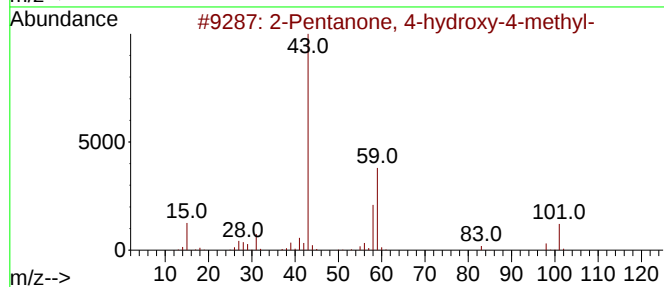
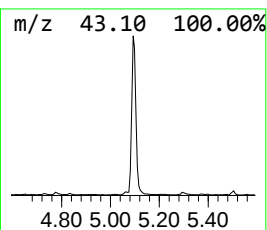
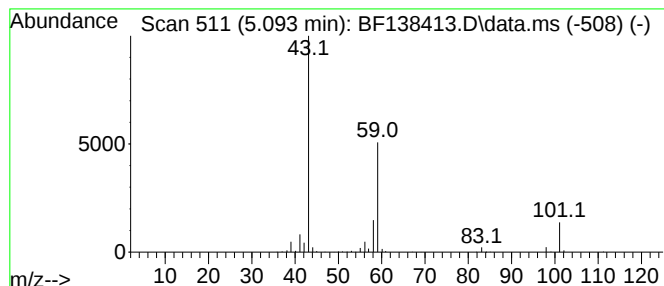
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

| R.T.  | EstConc | Area   | Relative to ISTD       | R.T.  |
|-------|---------|--------|------------------------|-------|
| 5.093 | 5.73 ng | 337293 | 1,4-Dichlorobenzene-d4 | 6.875 |

| Hit# | of                                  | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 2-Pentanone, 4-hydroxy-4-methyl-    | 116 | C6H12O2      | 000123-42-2 | 59      |      |      |
| 2    | 2,3-Butanedione, monooxime          | 101 | C4H7NO2      | 000057-71-6 | 9       |      |      |
| 3    | 2-Propanone, 1-(1-methylethoxy)-    | 116 | C6H12O2      | 042781-12-4 | 9       |      |      |
| 4    | Propanoic acid, 2-nitro-, methyl... | 133 | C4H7NO4      | 006118-50-9 | 9       |      |      |
| 5    | Silane, trimethyl-                  | 74  | C3H10Si      | 000993-07-7 | 9       |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070124\  
Data File : BF138413.D  
Acq On : 01 Jul 2024 20:04  
Operator : CG\JU  
Sample : P3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1-N-1

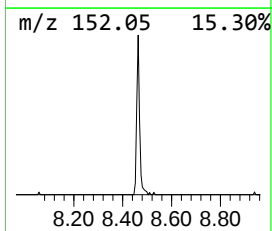
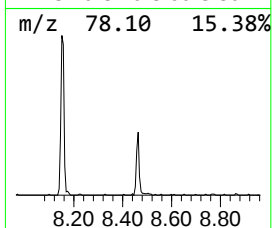
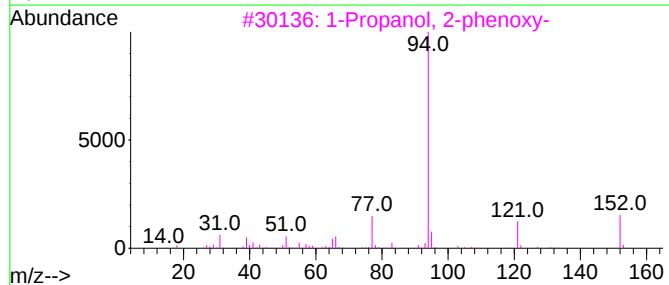
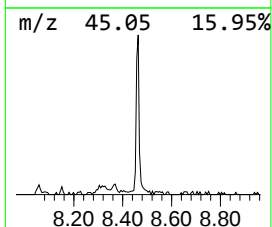
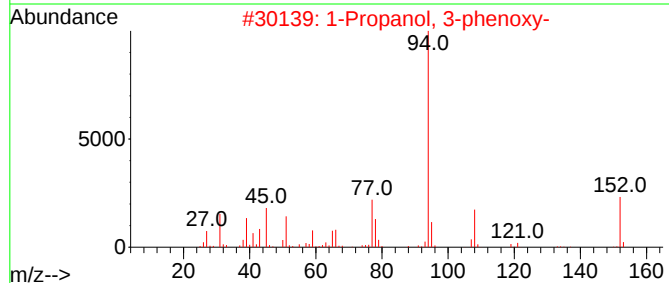
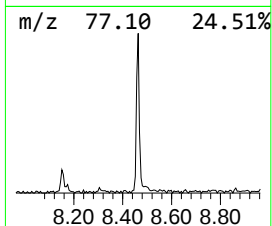
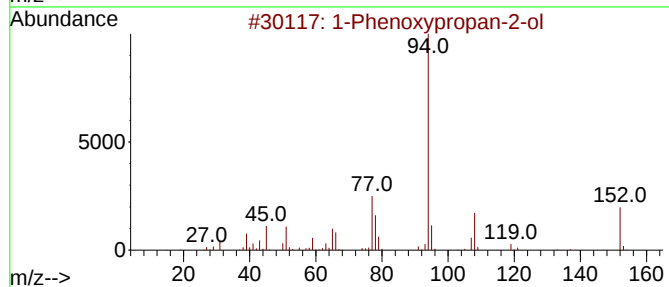
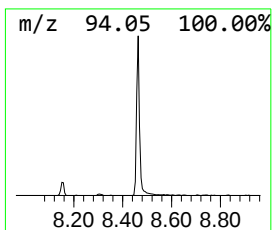
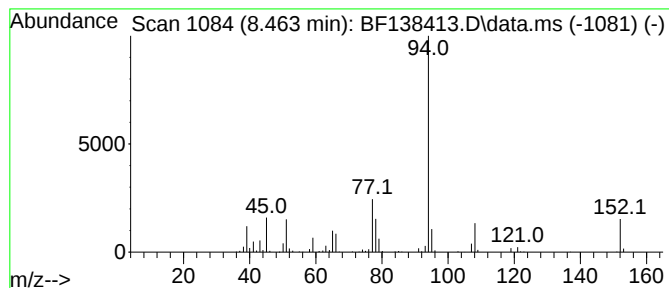
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 1-Phenoxypropan-2-ol Concentration Rank 7

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 8.463 | 2.61 ng | 179593 | Naphthalene-d8   | 8.157 |

| Hit# | of                          | 5   | Tentative ID | MW          | MolForm | CAS# | Qual |
|------|-----------------------------|-----|--------------|-------------|---------|------|------|
| 1    | 1-Phenoxypropan-2-ol        | 152 | C9H12O2      | 000770-35-4 | 96      |      |      |
| 2    | 1-Propanol, 3-phenoxy-      | 152 | C9H12O2      | 006180-61-6 | 90      |      |      |
| 3    | 1-Propanol, 2-phenoxy-      | 152 | C9H12O2      | 004169-04-4 | 64      |      |      |
| 4    | Ethanol, 2-phenoxy-         | 138 | C8H10O2      | 000122-99-6 | 64      |      |      |
| 5    | Benzene, (2-methylpropoxy)- | 150 | C10H14O      | 001126-75-6 | 59      |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070124\  
Data File : BF138413.D  
Acq On : 01 Jul 2024 20:04  
Operator : CG\JU  
Sample : P3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1-N-1

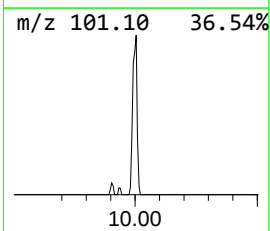
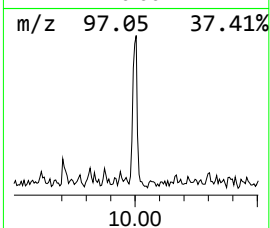
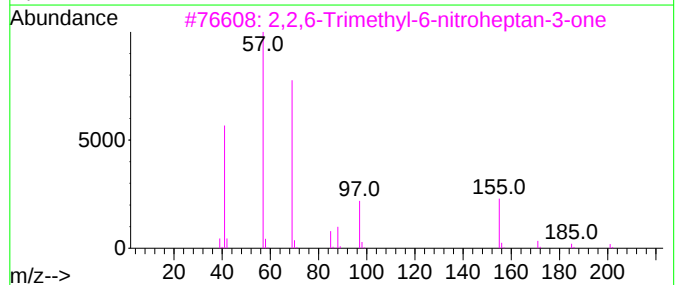
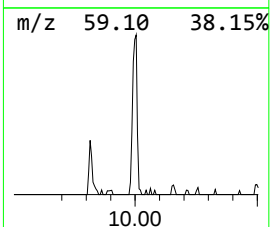
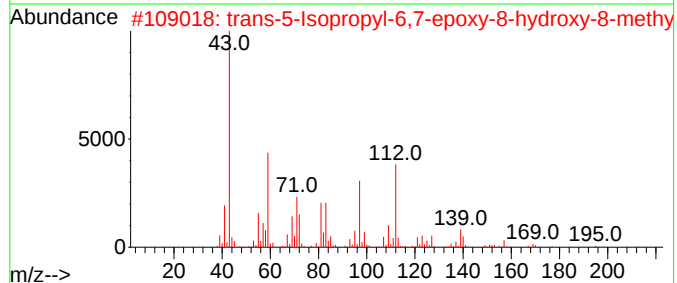
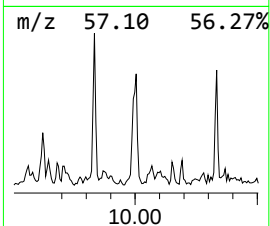
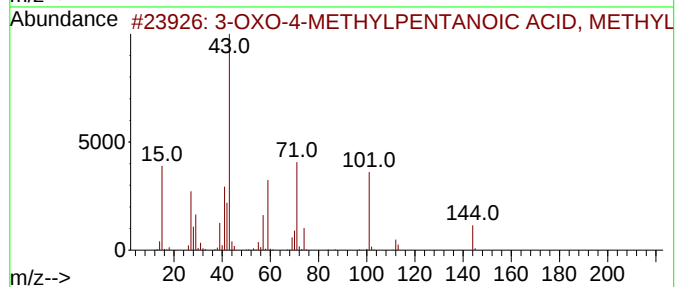
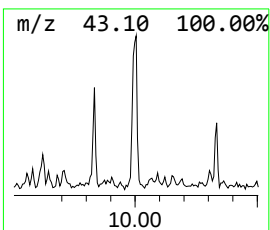
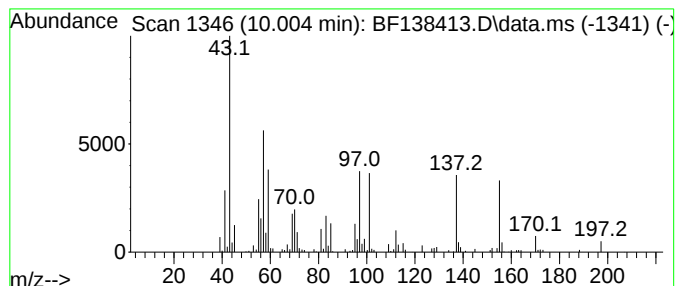
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 unknown10.004 Concentration Rank 8

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.  |
|--------|---------|--------|------------------|-------|
| 10.004 | 2.29 ng | 149384 | Acenaphthene-d10 | 9.904 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 3-OXO-4-METHYLPENTANOIC ACID, ME... | 144 | C7H12O3   | 042558-54-3  | 16   |
| 2    |    |   | trans-5-Isopropyl-6,7-epoxy-8-hy... | 228 | C13H24O3  | 058002-07-6  | 12   |
| 3    |    |   | 2,2,6-Trimethyl-6-nitroheptan-3-one | 201 | C10H19NO3 | 1000305-89-5 | 12   |
| 4    |    |   | Carbonic acid, eicosyl prop-1-en... | 382 | C24H46O3  | 1000383-10-8 | 12   |
| 5    |    |   | Acetic acid, 1,1-dimethylethyl e... | 116 | C6H12O2   | 000540-88-5  | 12   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070124\  
Data File : BF138413.D  
Acq On : 01 Jul 2024 20:04  
Operator : CG\JU  
Sample : P3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1-N-1

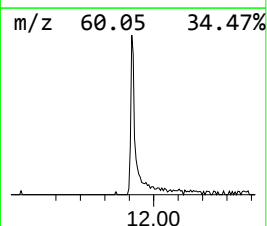
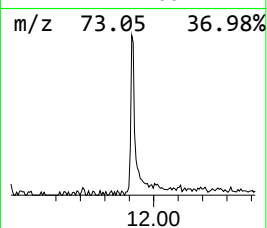
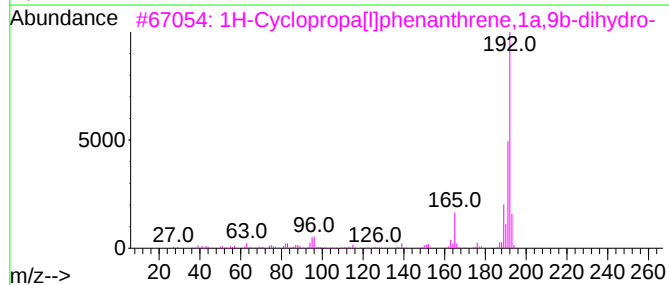
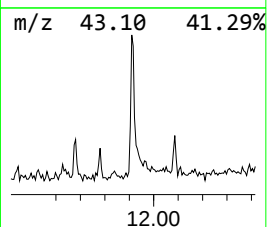
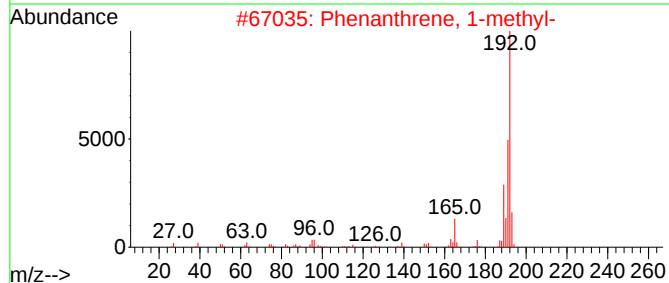
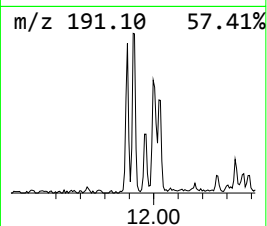
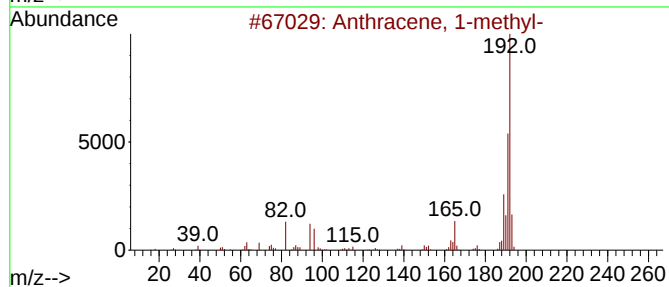
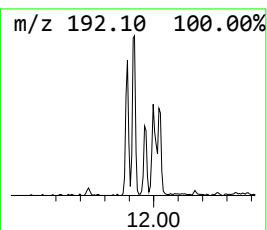
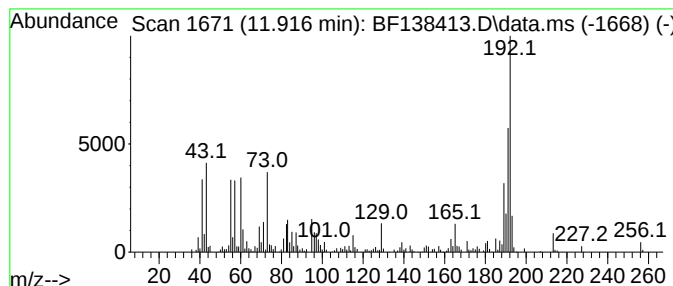
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 6 Anthracene, 1-methyl- Concentration Rank 4

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 11.916 | 4.61 ng | 236984 | Phenanthrene-d10 | 11.392 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Anthracene, 1-methyl-               | 192 | C15H12  | 000610-48-0 | 96   |
| 2    |    |   | Phenanthrene, 1-methyl-             | 192 | C15H12  | 000832-69-9 | 93   |
| 3    |    |   | 1H-Cyclopropa[1]phenanthrene,1a,... | 192 | C15H12  | 000949-41-7 | 93   |
| 4    |    |   | Phenanthrene, 2-methyl-             | 192 | C15H12  | 002531-84-2 | 93   |
| 5    |    |   | Phenanthrene, 4-methyl-             | 192 | C15H12  | 000832-64-4 | 92   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070124\  
Data File : BF138413.D  
Acq On : 01 Jul 2024 20:04  
Operator : CG\JU  
Sample : P3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1-N-1

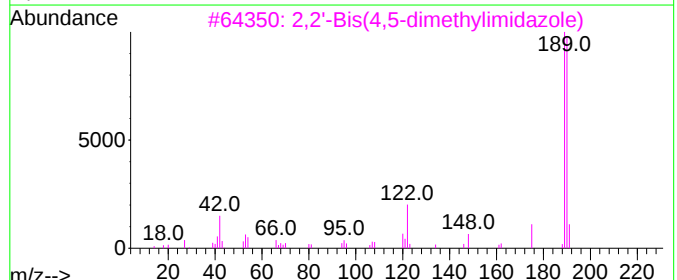
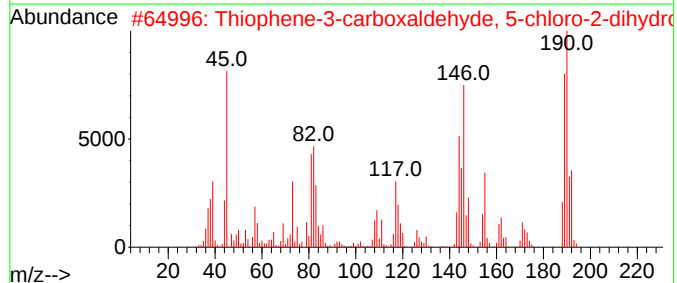
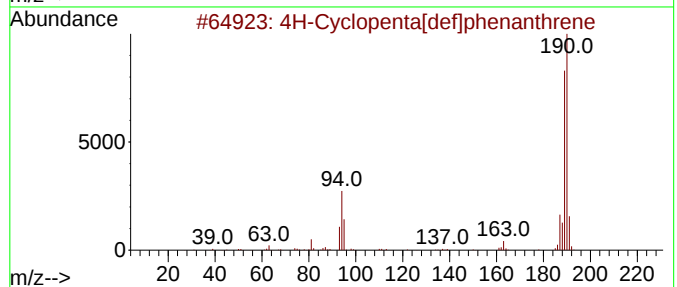
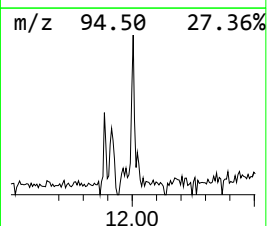
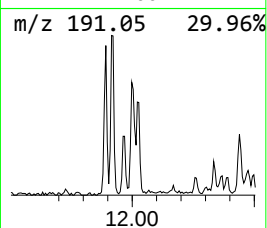
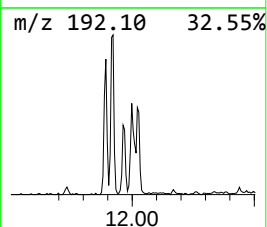
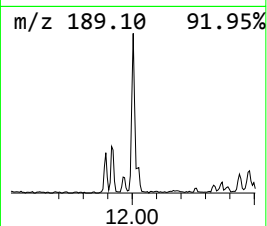
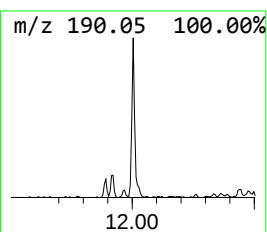
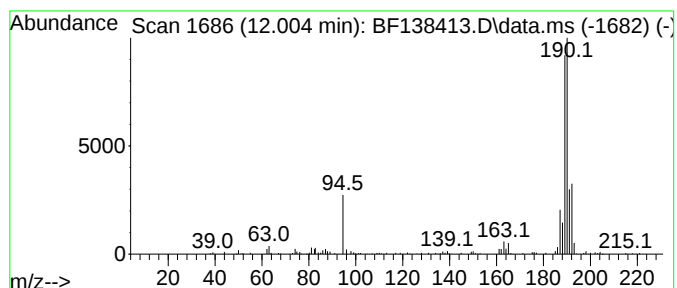
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|--------|------------------|-------------|------|
| 12.004    | 3.33 ng                             | 171467 | Phenanthrene-d10 | 11.392      |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#        | Qual |
| 1         | 4H-Cyclopenta[def]phenanthrene      | 190    | C15H10           | 000203-64-5 | 87   |
| 2         | Thiophene-3-carboxaldehyde, 5-ch... | 190    | C5H4BClO3S       | 036155-87-0 | 50   |
| 3         | 2,2'-Bis(4,5-dimethylimidazole)     | 190    | C10H14N4         | 069286-06-2 | 40   |
| 4         | Megastigmatrienone                  | 190    | C13H18O          | 038818-55-2 | 25   |
| 5         | 1,4-Naphthalenedione, 2,5-dihydr... | 190    | C10H6O4          | 004923-55-1 | 25   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070124\  
Data File : BF138413.D  
Acq On : 01 Jul 2024 20:04  
Operator : CG\JU  
Sample : P3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1-N-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
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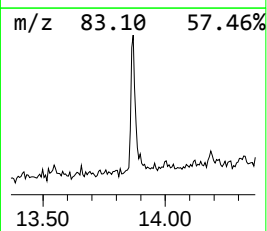
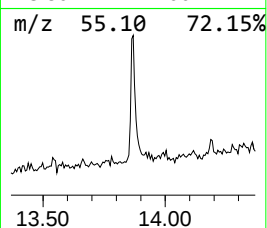
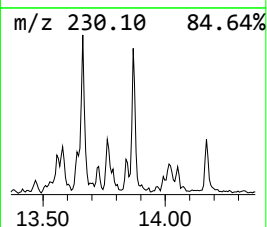
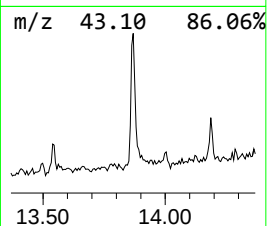
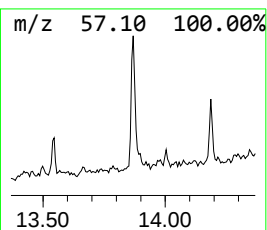
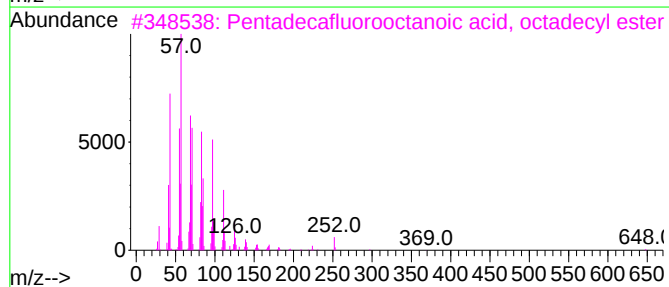
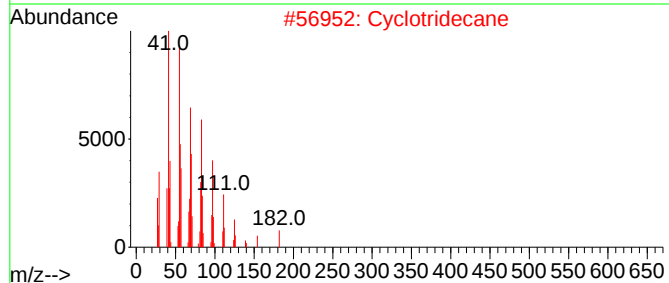
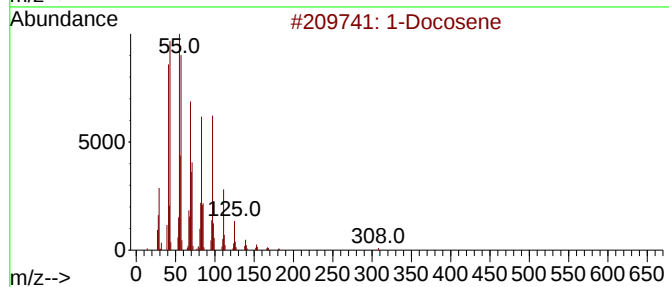
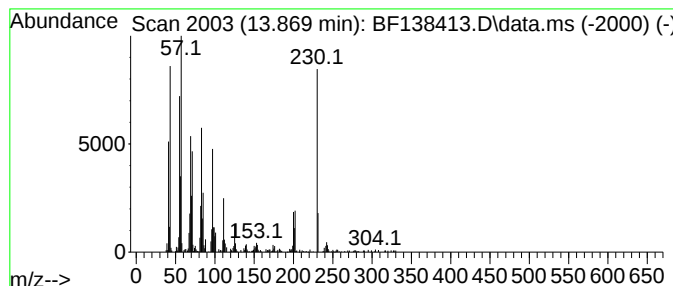
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 1-Docosene Concentration Rank 5

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 13.868 | 3.48 ng | 266320 | Chrysene-d12     | 14.027 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm     | CAS#         | Qual |
|------|-------------------------------------|---|--------------|-----|-------------|--------------|------|
| 1    | 1-Docosene                          |   |              | 308 | C22H44      | 001599-67-3  | 93   |
| 2    | Cyclotridecane                      |   |              | 182 | C13H26      | 000295-02-3  | 55   |
| 3    | Pentadecafluorooctanoic acid, oc... |   |              | 666 | C26H37F15O2 | 1000406-04-8 | 55   |
| 4    | Eicosyl heptafluorobutyrate         |   |              | 494 | C24H41F7O2  | 1000351-83-5 | 55   |
| 5    | Eicosyl trifluoroacetate            |   |              | 394 | C22H41F3O2  | 1000351-75-2 | 55   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070124\  
Data File : BF138413.D  
Acq On : 01 Jul 2024 20:04  
Operator : CG\JU  
Sample : P3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1-N-1

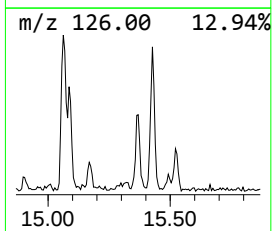
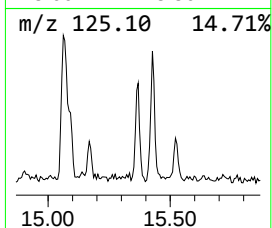
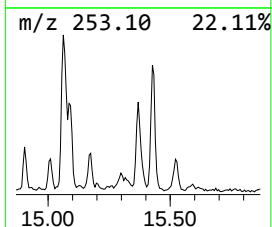
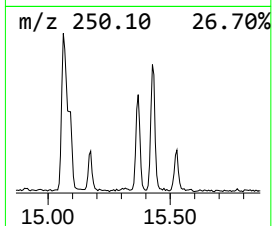
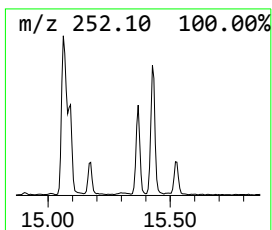
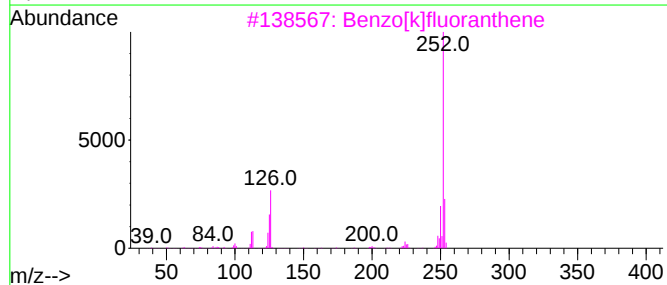
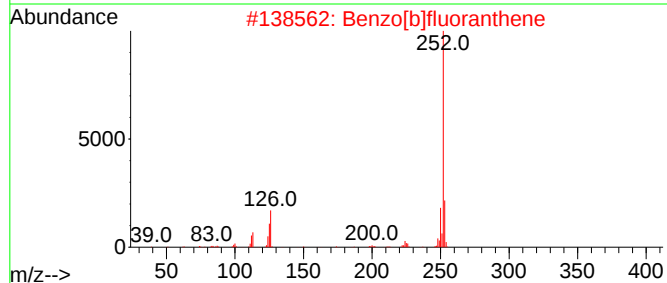
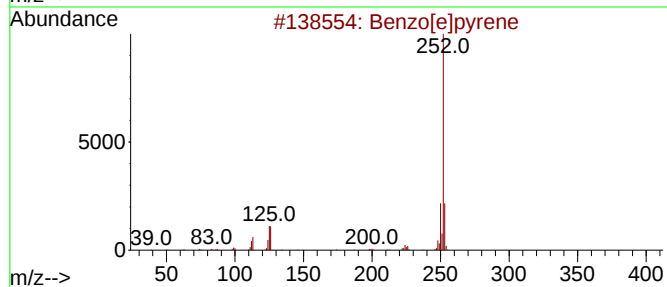
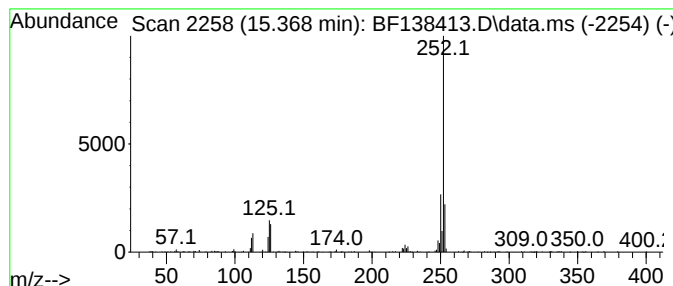
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 9 Benzo[e]pyrene Concentration Rank 3

| R.T.   | EstConc | Area   | Relative to ISTD | R.T.   |
|--------|---------|--------|------------------|--------|
| 15.368 | 5.02 ng | 181075 | Perylene-d12     | 15.492 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[e]pyrene       | 252 | C20H12  | 000192-97-2 | 98   |
| 2    |    |   | Benzo[b]fluoranthene | 252 | C20H12  | 000205-99-2 | 96   |
| 3    |    |   | Benzo[k]fluoranthene | 252 | C20H12  | 000207-08-9 | 93   |
| 4    |    |   | Benzo[a]pyrene       | 252 | C20H12  | 000050-32-8 | 91   |
| 5    |    |   | Benzo[j]fluoranthene | 252 | C20H12  | 000205-82-3 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF070124\  
Data File : BF138413.D  
Acq On : 01 Jul 2024 20:04  
Operator : CG\JU  
Sample : P3077-01  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1-N-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF062824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Butane, 2-metho... | 2.175  | 46.2    | ng    | 2723430  | 1                     | 6.875  | 1178030 | 20.0 |
| Propylene Glycol   | 3.399  | 2.1     | ng    | 126050   | 1                     | 6.875  | 1178030 | 20.0 |
| 2-Pentanone, 4-... | 5.093  | 5.7     | ng    | 337293   | 1                     | 6.875  | 1178030 | 20.0 |
| 1-Phenoxypropan... | 8.463  | 2.6     | ng    | 179593   | 2                     | 8.157  | 1375180 | 20.0 |
| unknown10.004      | 10.004 | 2.3     | ng    | 149384   | 3                     | 9.904  | 1301890 | 20.0 |
| Anthracene, 1-m... | 11.916 | 4.6     | ng    | 236984   | 4                     | 11.392 | 1028520 | 20.0 |
| 4H-Cyclopenta[d... | 12.004 | 3.3     | ng    | 171467   | 4                     | 11.392 | 1028520 | 20.0 |
| 1-Docosene         | 13.868 | 3.5     | ng    | 266320   | 5                     | 14.027 | 1532670 | 20.0 |
| Benzo[e]pyrene     | 15.368 | 5.0     | ng    | 181075   | 6                     | 15.492 | 721125  | 20.0 |