

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050322\  
 Data File : BF128049.D  
 Acq On : 03 May 2022 16:49  
 Operator : CG\JU  
 Sample : N2664-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S-6

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-BF042222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128049.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         | 5.539       | 549           | 553         | 556          | rVB      | 2076202        | 2066540       | 18.79%          | 0.848%        |
| 2         | 5.939       | 614           | 621         | 624          | rBV3     | 293055         | 418458        | 3.80%           | 0.172%        |
| 3         | 5.975       | 624           | 627         | 631          | rBV2     | 208292         | 304695        | 2.77%           | 0.125%        |
| 4         | 6.075       | 642           | 644         | 647          | rVB2     | 389908         | 322344        | 2.93%           | 0.132%        |
| 5         | 6.157       | 653           | 658         | 665          | rBV2     | 1093161        | 1995825       | 18.15%          | 0.819%        |
| 6         | 6.210       | 665           | 667         | 670          | rVB      | 601079         | 578620        | 5.26%           | 0.238%        |
| 7         | 6.351       | 686           | 691         | 694          | rBV3     | 754049         | 1122485       | 10.21%          | 0.461%        |
| 8         | 6.410       | 698           | 701         | 703          | rVB      | 611323         | 580038        | 5.27%           | 0.238%        |
| 9         | 6.445       | 703           | 707         | 714          | rBV4     | 1349244        | 2477969       | 22.53%          | 1.017%        |
| 10        | 6.498       | 714           | 716         | 717          | rBV      | 590448         | 478819        | 4.35%           | 0.197%        |
| 11        | 6.522       | 717           | 720         | 721          | rBV      | 850491         | 753752        | 6.85%           | 0.309%        |
| 12        | 6.545       | 721           | 724         | 726          | rVB      | 1819149        | 1683674       | 15.31%          | 0.691%        |
| 13        | 6.604       | 729           | 734         | 738          | rVB3     | 966584         | 1521153       | 13.83%          | 0.624%        |
| 14        | 6.657       | 738           | 743         | 747          | rBV6     | 1149889        | 2082752       | 18.94%          | 0.855%        |
| 15        | 6.692       | 747           | 749         | 755          | rVB3     | 817280         | 1098905       | 9.99%           | 0.451%        |
| 16        | 6.745       | 755           | 758         | 761          | rBV2     | 1116320        | 1545137       | 14.05%          | 0.634%        |
| 17        | 6.775       | 761           | 763         | 765          | rVB2     | 614718         | 511162        | 4.65%           | 0.210%        |
| 18        | 6.804       | 765           | 768         | 770          | rBV      | 309037         | 341254        | 3.10%           | 0.140%        |
| 19        | 6.833       | 770           | 773         | 777          | rBV5     | 403798         | 782757        | 7.12%           | 0.321%        |
| 20        | 6.881       | 777           | 781         | 782          | rBV3     | 646444         | 722186        | 6.57%           | 0.296%        |
| 21        | 6.928       | 785           | 789         | 791          | rVB2     | 2244712        | 2194635       | 19.96%          | 0.901%        |
| 22        | 6.945       | 791           | 792         | 794          | rVB      | 472236         | 295237        | 2.68%           | 0.121%        |
| 23        | 6.975       | 794           | 797         | 800          | rVB2     | 1766848        | 1915333       | 17.42%          | 0.786%        |
| 24        | 7.028       | 800           | 806         | 809          | rBV4     | 657548         | 960525        | 8.73%           | 0.394%        |
| 25        | 7.063       | 809           | 812         | 816          | rBV3     | 2103282        | 2377213       | 21.62%          | 0.976%        |
| 26        | 7.098       | 816           | 818         | 820          | rVB      | 748136         | 590720        | 5.37%           | 0.242%        |
| 27        | 7.145       | 823           | 826         | 828          | rBV      | 938548         | 1099064       | 9.99%           | 0.451%        |
| 28        | 7.169       | 828           | 830         | 831          | rBV      | 836976         | 709105        | 6.45%           | 0.291%        |
| 29        | 7.192       | 831           | 834         | 837          | rVB2     | 3276870        | 3669289       | 33.36%          | 1.506%        |
| 30        | 7.239       | 837           | 842         | 845          | rBV2     | 2798992        | 3770512       | 34.28%          | 1.548%        |
| 31        | 7.316       | 849           | 855         | 858          | rBV3     | 3394991        | 5148521       | 46.81%          | 2.113%        |
| 32        | 7.345       | 858           | 860         | 864          | rVB5     | 755320         | 879268        | 7.99%           | 0.361%        |
| 33        | 7.392       | 864           | 868         | 869          | rBV      | 1312317        | 1535992       | 13.97%          | 0.630%        |
| 34        | 7.416       | 869           | 872         | 874          | rVB      | 1428034        | 1373542       | 12.49%          | 0.564%        |
| 35        | 7.463       | 874           | 880         | 882          | rBV2     | 4591603        | 6223533       | 56.59%          | 2.555%        |
| 36        | 7.492       | 882           | 885         | 889          | rVB4     | 2756167        | 3038065       | 27.62%          | 1.247%        |

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 ALS Vial : 11 Sample Multiplier: 1

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 BNA\_F  
 ClientSampleId :  
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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-BF042222.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |          |         |        |
|----|--------|------|------|------|------|---------|----------|---------|--------|
| 37 | 7.569  | 893  | 898  | 902  | rBV4 | 3936834 | 6705690  | 60.97%  | 2.753% |
| 38 | 7.610  | 902  | 905  | 907  | rBV2 | 2112902 | 2713867  | 24.68%  | 1.114% |
| 39 | 7.704  | 917  | 921  | 923  | rBV3 | 2404278 | 2795266  | 25.42%  | 1.147% |
| 40 | 7.728  | 923  | 925  | 932  | rVB2 | 4268017 | 5950925  | 54.11%  | 2.443% |
| 41 | 7.810  | 935  | 939  | 941  | rBV3 | 2301696 | 3264138  | 29.68%  | 1.340% |
| 42 | 7.833  | 941  | 943  | 944  | rVV2 | 1245269 | 1111138  | 10.10%  | 0.456% |
| 43 | 7.857  | 944  | 947  | 951  | rVB3 | 2440543 | 3319355  | 30.18%  | 1.363% |
| 44 | 7.957  | 956  | 964  | 967  | rBV6 | 4800692 | 10041367 | 91.30%  | 4.122% |
| 45 | 8.033  | 973  | 977  | 979  | rBV4 | 2373110 | 2954427  | 26.86%  | 1.213% |
| 46 | 8.057  | 979  | 981  | 983  | rVB  | 1484056 | 1188537  | 10.81%  | 0.488% |
| 47 | 8.086  | 983  | 986  | 989  | rVB2 | 1993283 | 2197667  | 19.98%  | 0.902% |
| 48 | 8.122  | 989  | 992  | 995  | rBV2 | 752717  | 977519   | 8.89%   | 0.401% |
| 49 | 8.175  | 995  | 1001 | 1003 | rBV6 | 2895735 | 5035431  | 45.79%  | 2.067% |
| 50 | 8.210  | 1003 | 1007 | 1010 | rVV3 | 3712220 | 6363888  | 57.86%  | 2.612% |
| 51 | 8.245  | 1010 | 1013 | 1015 | rVV3 | 2938925 | 4539193  | 41.27%  | 1.863% |
| 52 | 8.275  | 1015 | 1018 | 1021 | rVV2 | 4451325 | 7172546  | 65.22%  | 2.944% |
| 53 | 8.310  | 1021 | 1024 | 1027 | rVB2 | 2150403 | 2315444  | 21.05%  | 0.950% |
| 54 | 8.375  | 1032 | 1035 | 1036 | rBV3 | 1304231 | 1332471  | 12.12%  | 0.547% |
| 55 | 8.422  | 1040 | 1043 | 1048 | rVB3 | 2969478 | 3731527  | 33.93%  | 1.532% |
| 56 | 8.469  | 1049 | 1051 | 1053 | rBV2 | 1114445 | 1013384  | 9.21%   | 0.416% |
| 57 | 8.516  | 1054 | 1059 | 1063 | rVB6 | 2833628 | 5133371  | 46.68%  | 2.107% |
| 58 | 8.610  | 1072 | 1075 | 1078 | rVB2 | 2185684 | 2175212  | 19.78%  | 0.893% |
| 59 | 8.651  | 1078 | 1082 | 1087 | rBV3 | 3678800 | 7378734  | 67.09%  | 3.029% |
| 60 | 8.739  | 1093 | 1097 | 1100 | rBV2 | 3583247 | 4863605  | 44.22%  | 1.996% |
| 61 | 8.822  | 1108 | 1111 | 1113 | rBV2 | 1355677 | 1775402  | 16.14%  | 0.729% |
| 62 | 9.874  | 1287 | 1290 | 1292 | rBV  | 2227499 | 2273045  | 20.67%  | 0.933% |
| 63 | 10.116 | 1326 | 1331 | 1335 | rBV2 | 2975252 | 6086177  | 55.34%  | 2.498% |
| 64 | 10.157 | 1335 | 1338 | 1341 | rBV4 | 2159460 | 2558647  | 23.27%  | 1.050% |
| 65 | 10.192 | 1342 | 1344 | 1345 | rBV  | 1552246 | 1306808  | 11.88%  | 0.536% |
| 66 | 10.263 | 1351 | 1356 | 1358 | rBV3 | 3312822 | 5004578  | 45.51%  | 2.054% |
| 67 | 10.333 | 1363 | 1368 | 1370 | rBV2 | 3857626 | 5801135  | 52.75%  | 2.381% |
| 68 | 10.363 | 1370 | 1373 | 1378 | rVB2 | 3560532 | 4594224  | 41.77%  | 1.886% |
| 69 | 10.422 | 1378 | 1383 | 1385 | rBV3 | 3370147 | 5426592  | 49.34%  | 2.227% |
| 70 | 10.698 | 1427 | 1430 | 1432 | rBV2 | 1727284 | 1807822  | 16.44%  | 0.742% |
| 71 | 10.798 | 1445 | 1447 | 1450 | rBV4 | 1486801 | 1742016  | 15.84%  | 0.715% |
| 72 | 10.921 | 1462 | 1468 | 1474 | rVB3 | 5702056 | 10997831 | 100.00% | 4.514% |
| 73 | 11.145 | 1503 | 1506 | 1508 | rVB3 | 2019903 | 1713495  | 15.58%  | 0.703% |
| 74 | 11.216 | 1516 | 1518 | 1520 | rBV3 | 1445325 | 1598694  | 14.54%  | 0.656% |
| 75 | 11.374 | 1541 | 1545 | 1552 | rVB3 | 4239776 | 7021160  | 63.84%  | 2.882% |
| 76 | 11.521 | 1567 | 1570 | 1572 | rBV  | 2033606 | 1787091  | 16.25%  | 0.734% |

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 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S-6

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-BF042222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 77  | 11.716 | 1600 | 1603 | 1609 | rBV4 | 1751544 | 2042211 | 18.57% | 0.838% |
| 78  | 11.992 | 1647 | 1650 | 1652 | rBV  | 2361643 | 2456325 | 22.33% | 1.008% |
| 79  | 12.027 | 1652 | 1656 | 1658 | rVB2 | 2468636 | 3236523 | 29.43% | 1.329% |
| 80  | 12.051 | 1658 | 1660 | 1661 | rBV  | 684143  | 571598  | 5.20%  | 0.235% |
| 81  | 12.104 | 1666 | 1669 | 1672 | rVV2 | 2572520 | 3172834 | 28.85% | 1.302% |
| 82  | 12.127 | 1672 | 1673 | 1677 | rVB  | 1845404 | 1401822 | 12.75% | 0.575% |
| 83  | 12.221 | 1687 | 1689 | 1692 | rVB2 | 1326310 | 1281410 | 11.65% | 0.526% |
| 84  | 12.427 | 1722 | 1724 | 1728 | rVB2 | 1190437 | 1212894 | 11.03% | 0.498% |
| 85  | 12.463 | 1728 | 1730 | 1732 | rVV  | 1310710 | 1128922 | 10.26% | 0.463% |
| 86  | 12.486 | 1732 | 1734 | 1736 | rVB  | 1065397 | 773814  | 7.04%  | 0.318% |
| 87  | 12.539 | 1739 | 1743 | 1746 | rBV  | 2699632 | 2865785 | 26.06% | 1.176% |
| 88  | 12.621 | 1754 | 1757 | 1760 | rBV  | 922903  | 905582  | 8.23%  | 0.372% |
| 89  | 12.651 | 1760 | 1762 | 1766 | rVB2 | 968266  | 932584  | 8.48%  | 0.383% |
| 90  | 12.845 | 1793 | 1795 | 1797 | rVV2 | 580867  | 413374  | 3.76%  | 0.170% |
| 91  | 12.868 | 1797 | 1799 | 1804 | rVB4 | 716563  | 782186  | 7.11%  | 0.321% |
| 92  | 12.910 | 1804 | 1806 | 1807 | rBV  | 432905  | 329275  | 2.99%  | 0.135% |
| 93  | 12.939 | 1807 | 1811 | 1814 | rVB2 | 1148346 | 1497934 | 13.62% | 0.615% |
| 94  | 12.974 | 1814 | 1817 | 1820 | rVB  | 1386413 | 1379368 | 12.54% | 0.566% |
| 95  | 13.021 | 1823 | 1825 | 1828 | rBV3 | 572143  | 588070  | 5.35%  | 0.241% |
| 96  | 13.057 | 1828 | 1831 | 1833 | rVB  | 1748796 | 1589182 | 14.45% | 0.652% |
| 97  | 13.263 | 1864 | 1866 | 1868 | rVB  | 465520  | 355358  | 3.23%  | 0.146% |
| 98  | 13.951 | 1981 | 1983 | 1991 | rVB5 | 319629  | 540626  | 4.92%  | 0.222% |
| 99  | 14.104 | 2006 | 2009 | 2015 | rVB  | 603353  | 629293  | 5.72%  | 0.258% |
| 100 | 15.609 | 2260 | 2265 | 2272 | rVB  | 459058  | 594769  | 5.41%  | 0.244% |

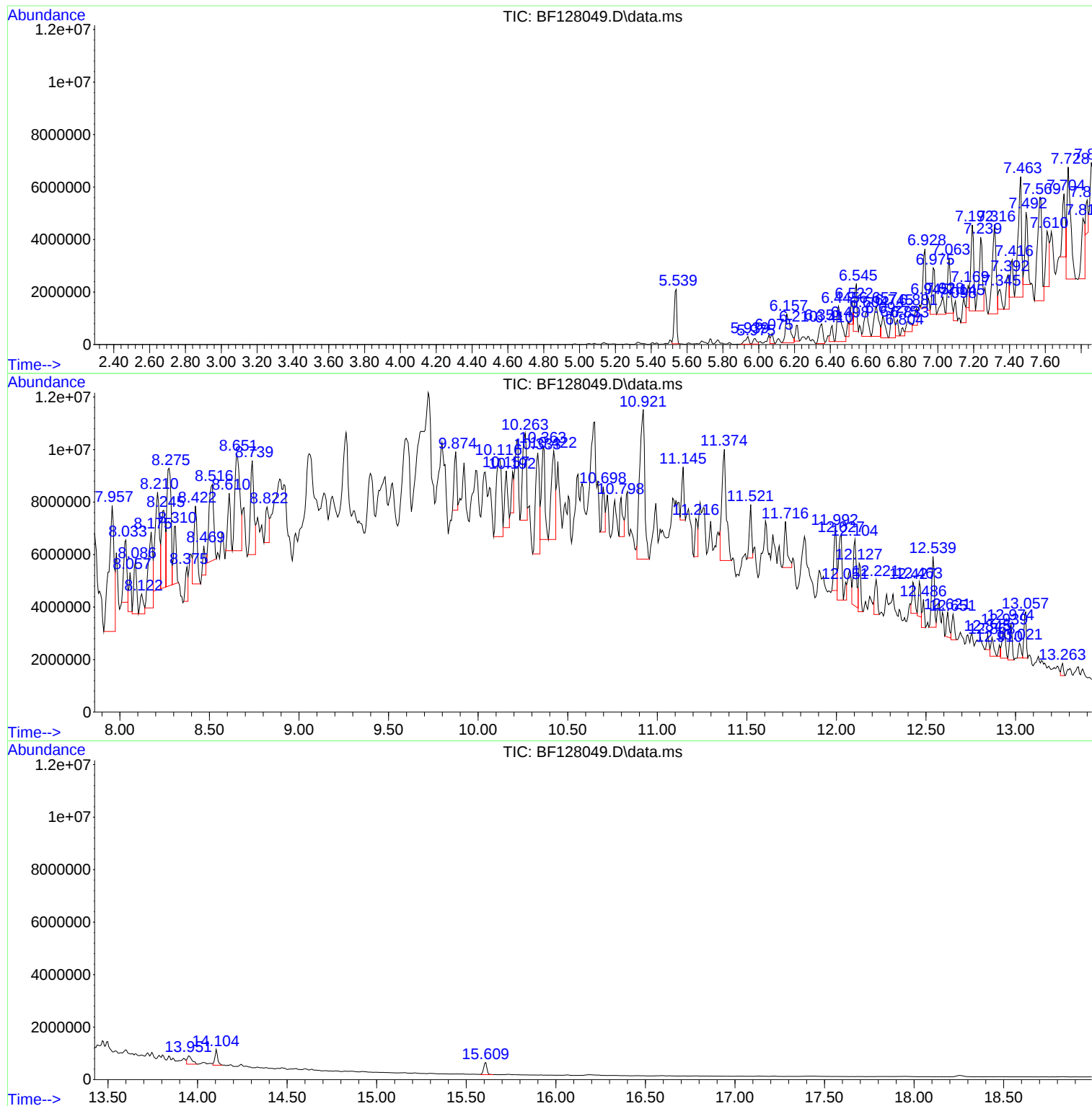
Sum of corrected areas: 243620237

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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.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\BF050322\  
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Instrument :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

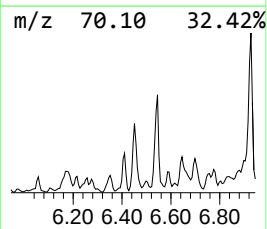
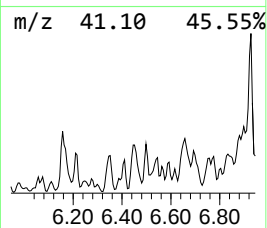
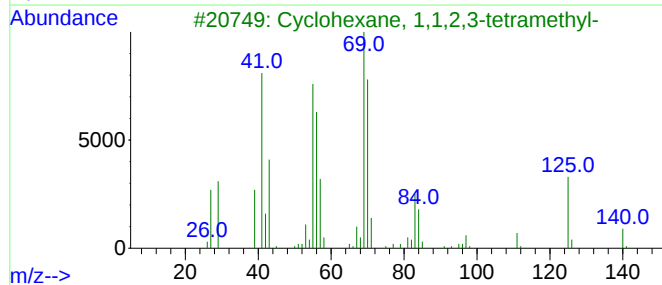
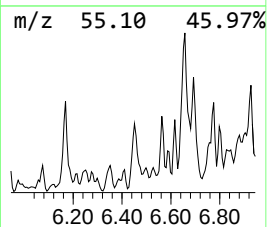
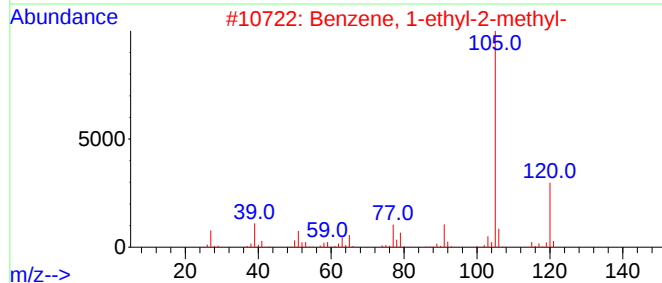
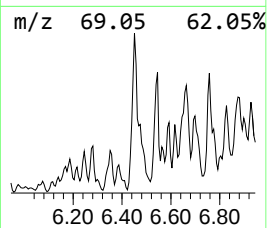
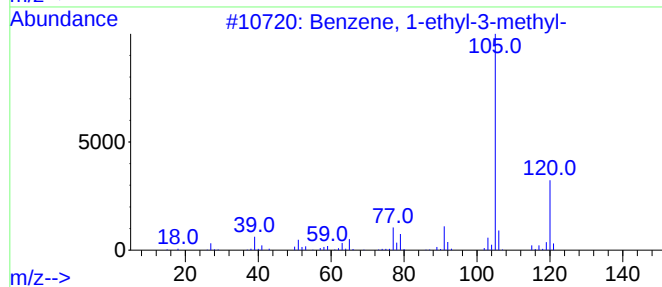
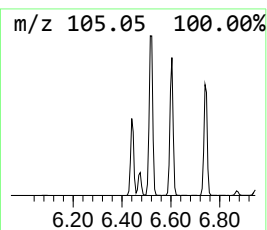
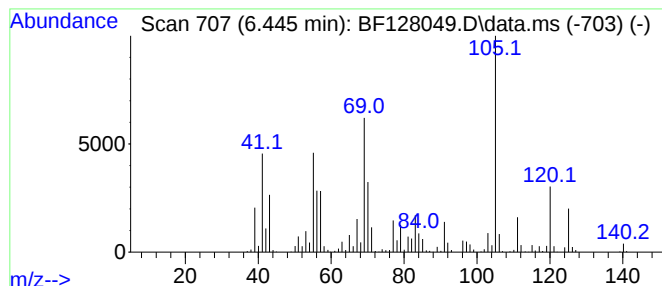
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 15

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 6.445 | 22.58 ng | 2477970 | 1,4-Dichlorobenzene-d4 | 6.922 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-3-methyl-        | 120 | C9H12   | 000620-14-4 | 74   |
| 2    |    |   | Benzene, 1-ethyl-2-methyl-        | 120 | C9H12   | 000611-14-3 | 70   |
| 3    |    |   | Cyclohexane, 1,1,2,3-tetramethyl- | 140 | C10H20  | 006783-92-2 | 50   |
| 4    |    |   | Benzene, 1-ethyl-4-methyl-        | 120 | C9H12   | 000622-96-8 | 38   |
| 5    |    |   | Mesitylene                        | 120 | C9H12   | 000108-67-8 | 38   |



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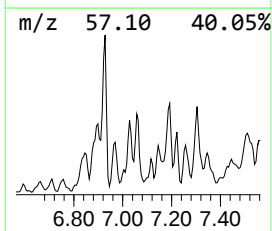
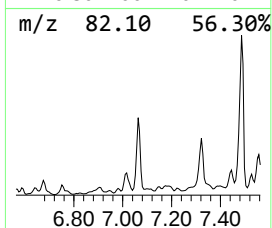
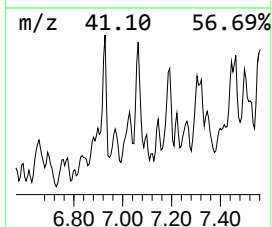
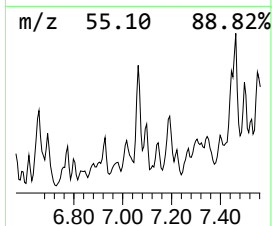
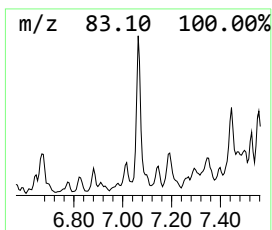
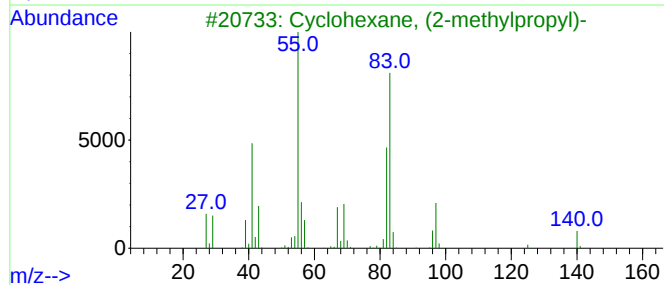
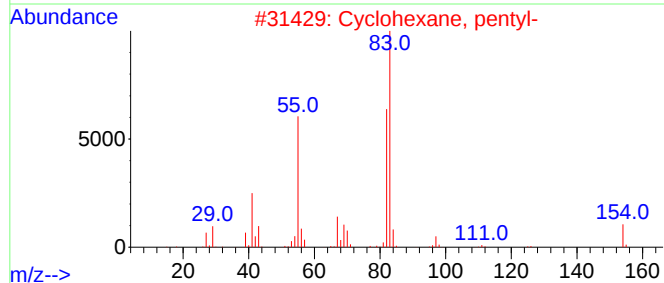
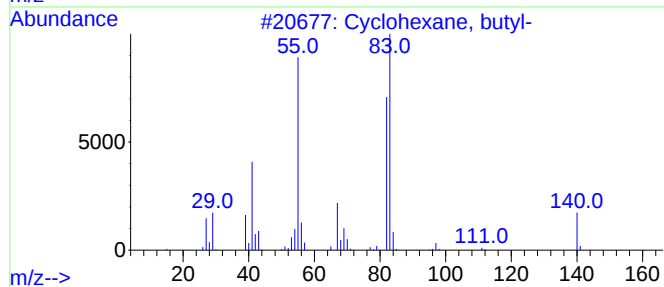
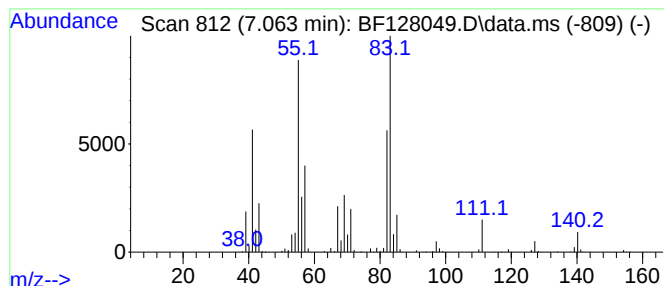
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 2 Cyclohexane, butyl- Concentration Rank 17

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 7.063 | 21.66 ng | 2377210 | 1,4-Dichlorobenzene-d4 | 6.922 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, butyl-            | 140 | C10H20  | 001678-93-9 | 68   |
| 2    |    |   | Cyclohexane, pentyl-           | 154 | C11H22  | 004292-92-6 | 62   |
| 3    |    |   | Cyclohexane, (2-methylpropyl)- | 140 | C10H20  | 001678-98-4 | 58   |
| 4    |    |   | Cyclohexane, propyl-           | 126 | C9H18   | 001678-92-8 | 53   |
| 5    |    |   | Cyclohexane, ethyl-            | 112 | C8H16   | 001678-91-7 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050322\  
Data File : BF128049.D  
Acq On : 03 May 2022 16:49  
Operator : CG\JU  
Sample : N2664-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-6

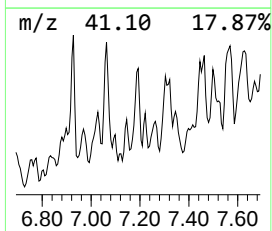
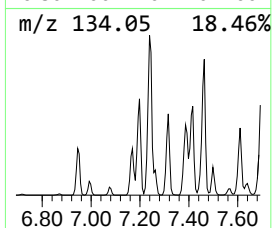
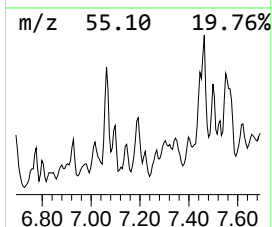
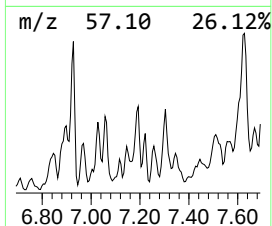
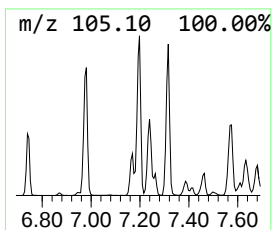
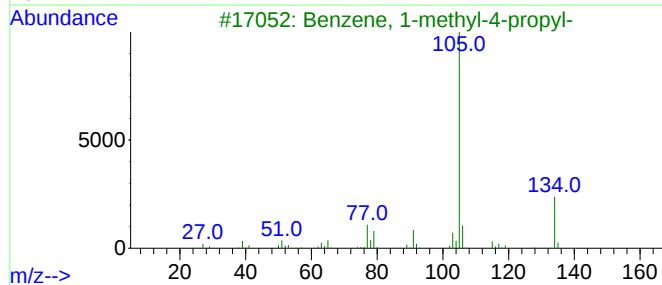
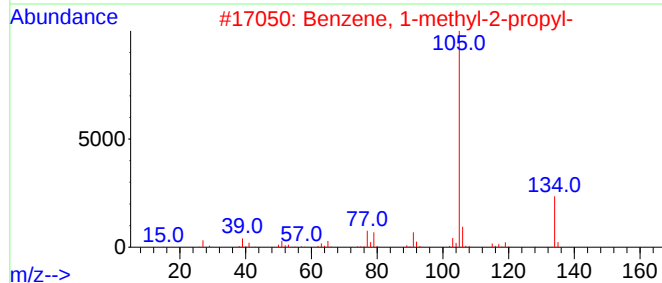
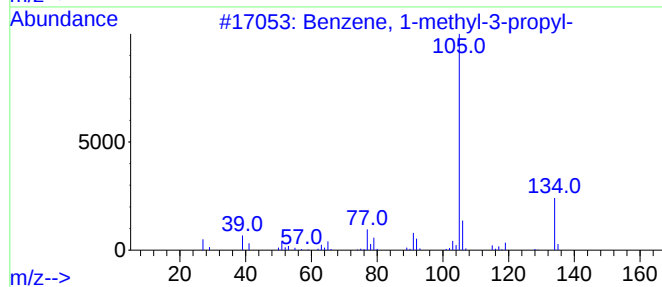
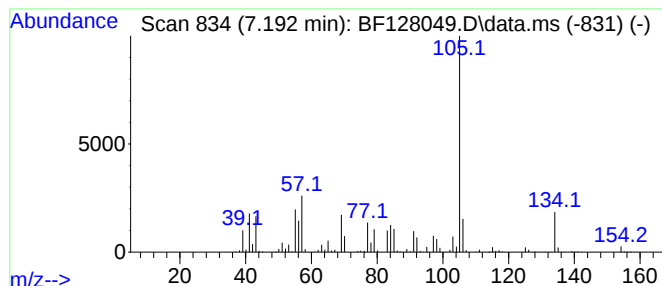
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 3 Benzene, 1-methyl-3-propyl- Concentration Rank 8

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 7.192 | 33.44 ng | 3669290 | 1,4-Dichlorobenzene-d4 | 6.922 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-methyl-3-propyl-         | 134 | C10H14  | 001074-43-7 | 64   |
| 2    |    |   | Benzene, 1-methyl-2-propyl-         | 134 | C10H14  | 001074-17-5 | 60   |
| 3    |    |   | Benzene, 1-methyl-4-propyl-         | 134 | C10H14  | 001074-55-1 | 60   |
| 4    |    |   | Benzene, (1-methylpropyl)-          | 134 | C10H14  | 000135-98-8 | 55   |
| 5    |    |   | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O  | 000093-53-8 | 53   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050322\  
Data File : BF128049.D  
Acq On : 03 May 2022 16:49  
Operator : CG\JU  
Sample : N2664-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
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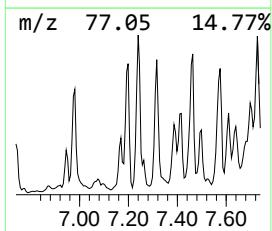
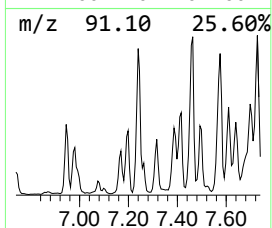
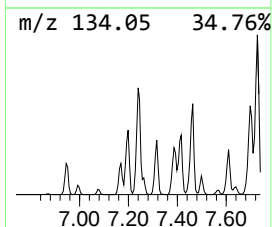
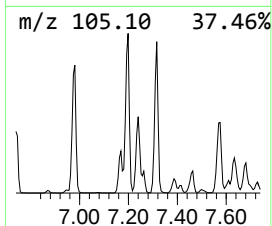
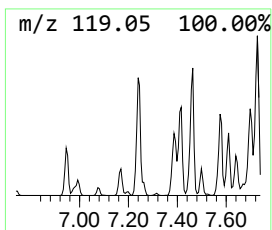
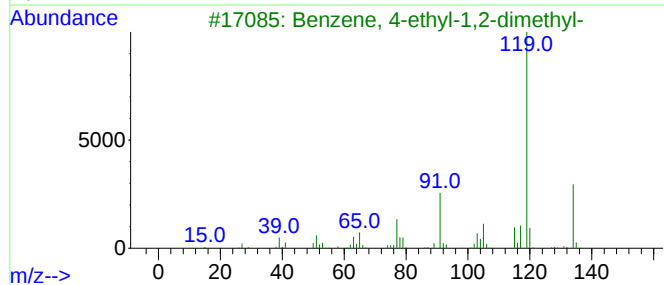
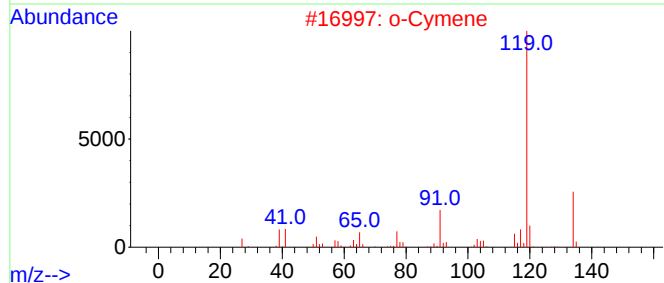
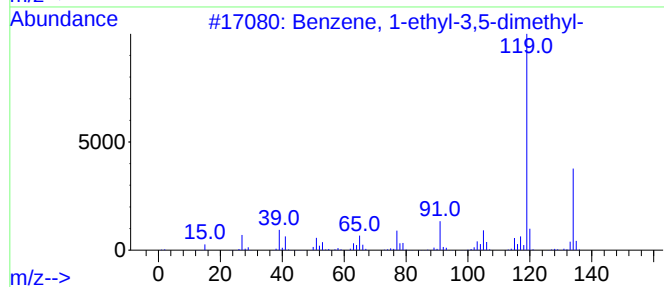
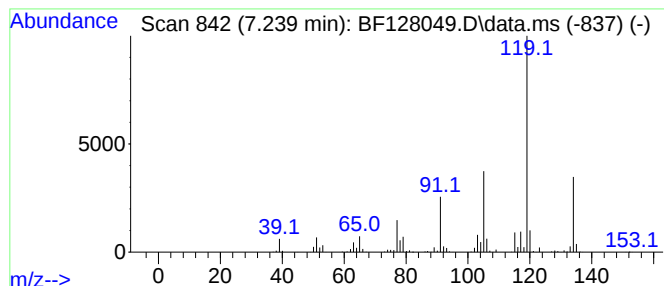
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 7

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 7.239 | 34.36 ng | 3770510 | 1,4-Dichlorobenzene-d4 | 6.922 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 95   |
| 2    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |
| 3    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 94   |
| 4    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 94   |
| 5    |    |   | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050322\  
Data File : BF128049.D  
Acq On : 03 May 2022 16:49  
Operator : CG\JU  
Sample : N2664-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-6

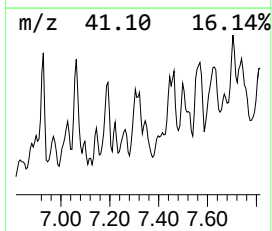
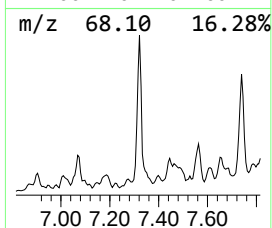
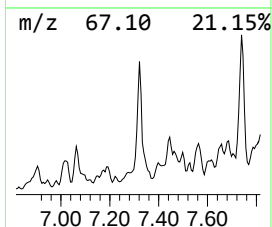
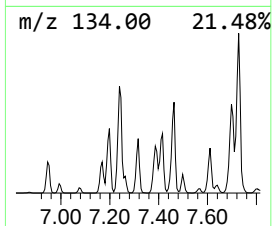
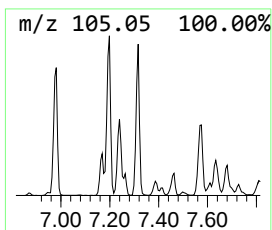
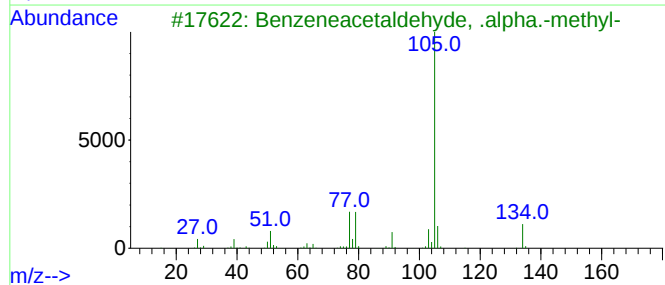
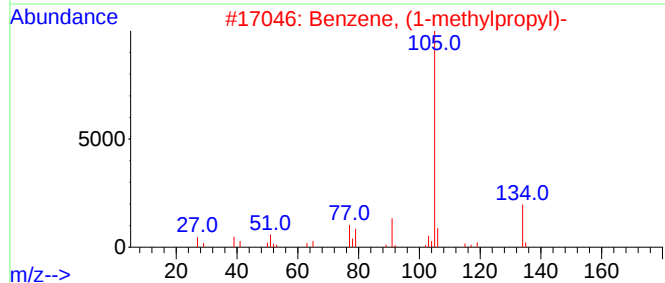
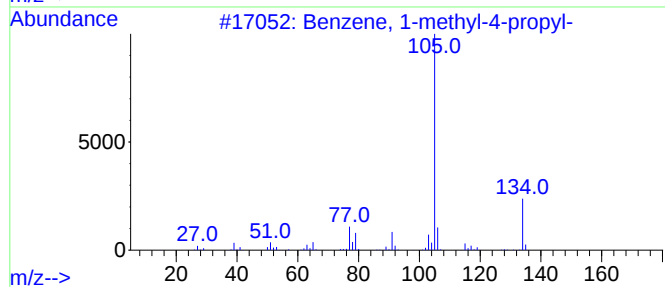
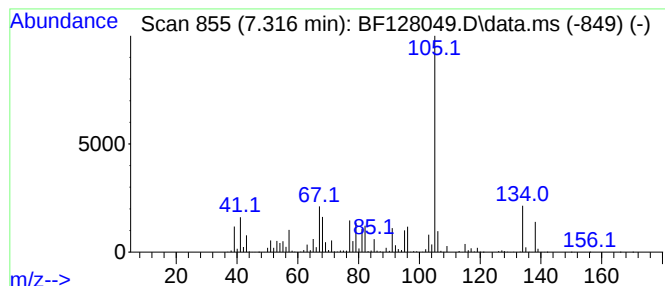
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Benzene, 1-methyl-4-propyl- Concentration Rank 4

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 7.316 | 46.92 ng | 5148520 | 1,4-Dichlorobenzene-d4 | 6.922 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-methyl-4-propyl-         | 134 | C10H14  | 001074-55-1 | 87   |
| 2    |    |   | Benzene, (1-methylpropyl)-          | 134 | C10H14  | 000135-98-8 | 87   |
| 3    |    |   | Benzeneacetaldehyde, .alpha.-met... | 134 | C9H10O  | 000093-53-8 | 55   |
| 4    |    |   | Benzene, 1-methyl-2-propyl-         | 134 | C10H14  | 001074-17-5 | 55   |
| 5    |    |   | 2-Tolylloxirane                     | 134 | C9H10O  | 002783-26-8 | 50   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050322\  
Data File : BF128049.D  
Acq On : 03 May 2022 16:49  
Operator : CG\JU  
Sample : N2664-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

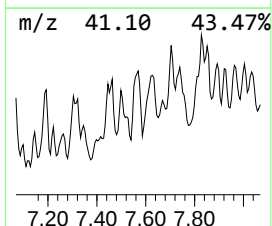
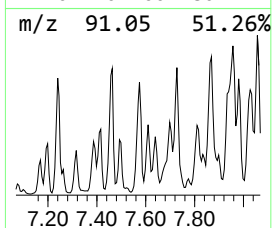
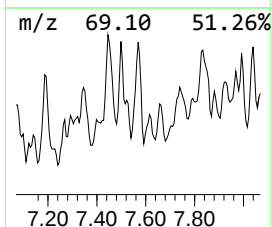
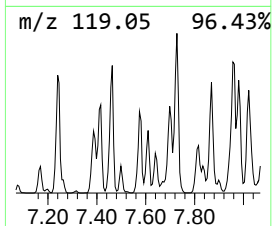
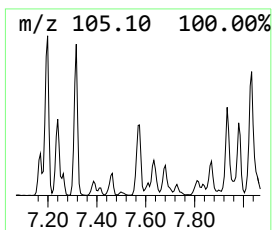
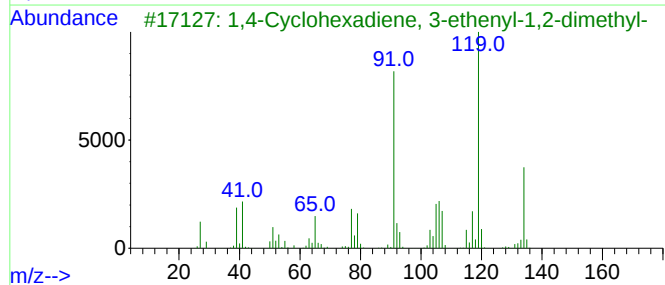
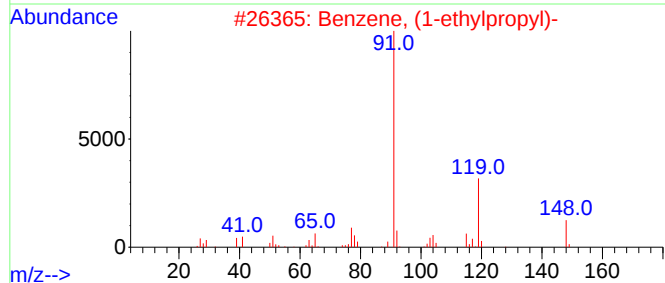
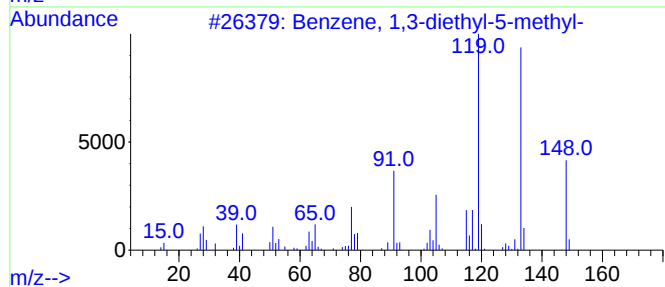
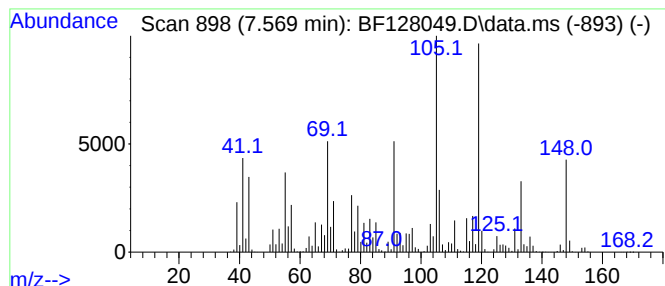
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 3

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 7.569 | 61.11 ng | 6705690 | 1,4-Dichlorobenzene-d4 | 6.922 |

| Hit# | of | 5 | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,3-diethyl-5-methyl-       | 148 | C11H16  | 002050-24-0 | 68   |
| 2    |    |   | Benzene, (1-ethylpropyl)-            | 148 | C11H16  | 001196-58-3 | 60   |
| 3    |    |   | 1,4-Cyclohexadiene, 3-ethenyl-1,...  | 134 | C10H14  | 062338-57-2 | 58   |
| 4    |    |   | p-Cymene                             | 134 | C10H14  | 000099-87-6 | 46   |
| 5    |    |   | exo-7-(trans-1-Propenyl)bicyclo[...] | 148 | C11H16  | 107983-42-6 | 46   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050322\  
Data File : BF128049.D  
Acq On : 03 May 2022 16:49  
Operator : CG\JU  
Sample : N2664-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-6

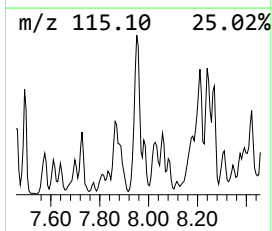
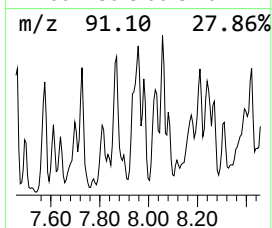
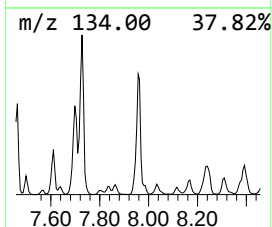
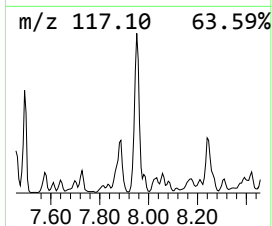
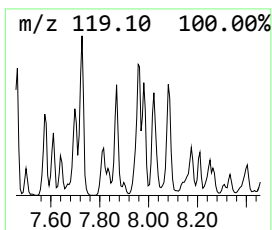
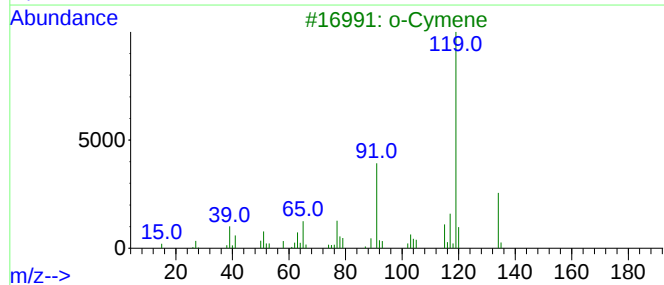
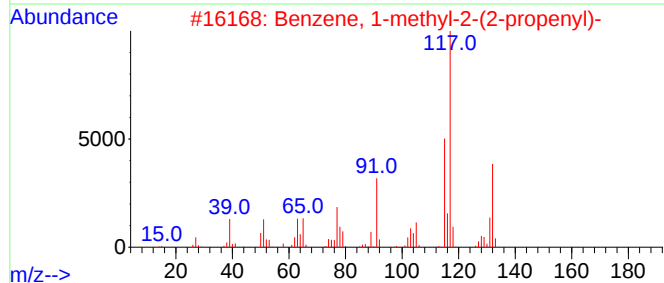
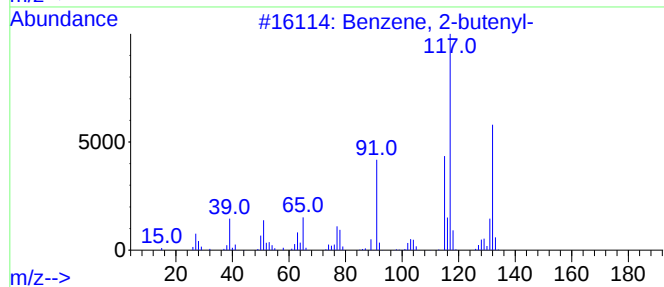
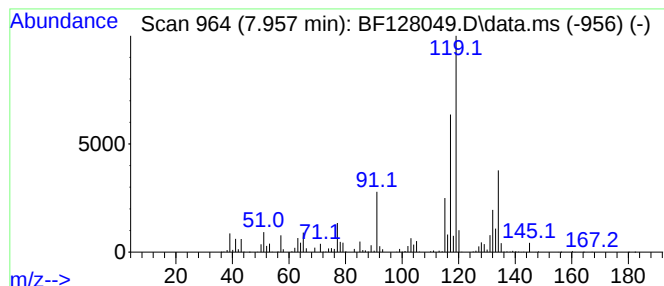
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 7 Benzene, 2-butenyl- Concentration Rank 10

| R.T.  | EstConc  | Area     | Relative to ISTD | R.T.  |
|-------|----------|----------|------------------|-------|
| 7.957 | 31.56 ng | 10041400 | Naphthalene-d8   | 8.222 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-butenyl-               | 132 | C10H12  | 001560-06-1 | 83   |
| 2    |    |   | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12  | 001587-04-8 | 80   |
| 3    |    |   | o-Cymene                          | 134 | C10H14  | 000527-84-4 | 60   |
| 4    |    |   | p-Cymene                          | 134 | C10H14  | 000099-87-6 | 60   |
| 5    |    |   | Benzene, 1,2,4,5-tetramethyl-     | 134 | C10H14  | 000095-93-2 | 60   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050322\  
Data File : BF128049.D  
Acq On : 03 May 2022 16:49  
Operator : CG\JU  
Sample : N2664-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
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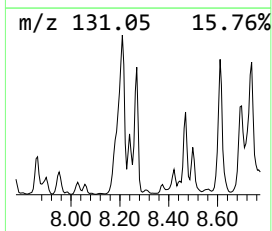
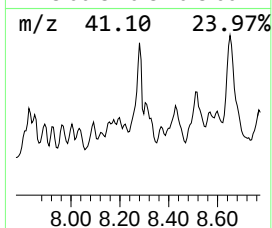
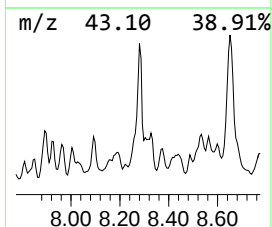
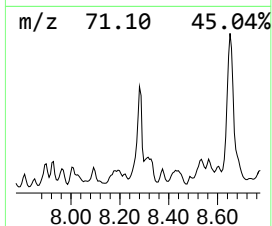
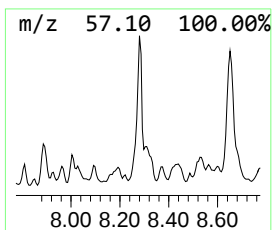
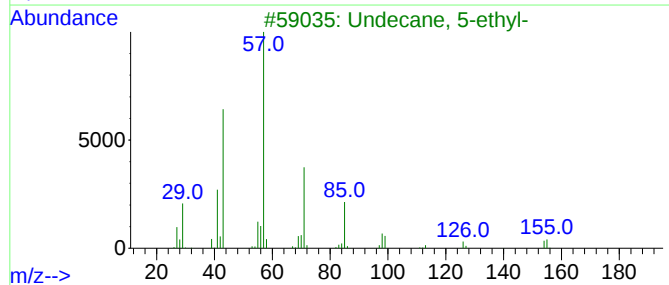
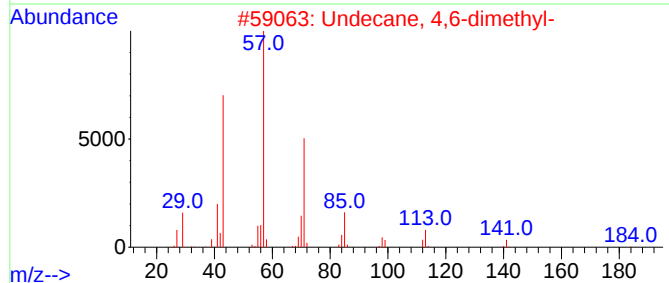
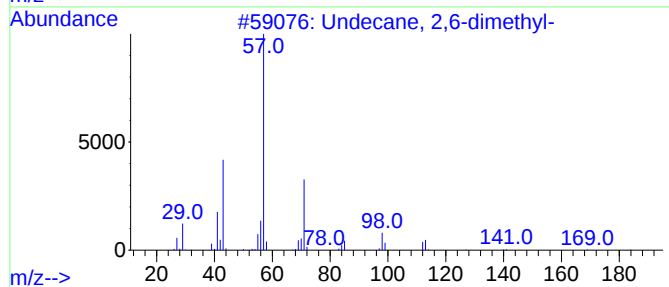
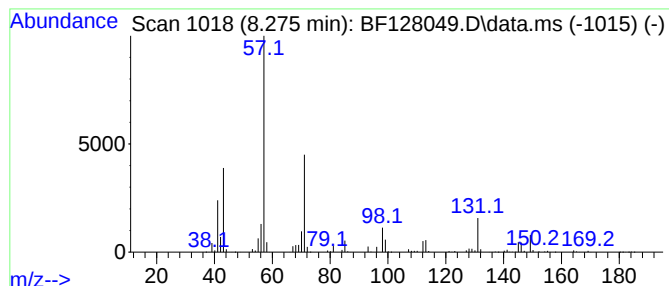
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 16

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.275 | 22.54 ng | 7172550 | Naphthalene-d8   | 8.222 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Undecane, 2,6-dimethyl-             | 184 | C13H28    | 017301-23-4  | 76   |
| 2    |    |   | Undecane, 4,6-dimethyl-             | 184 | C13H28    | 017312-82-2  | 52   |
| 3    |    |   | Undecane, 5-ethyl-                  | 184 | C13H28    | 017453-94-0  | 50   |
| 4    |    |   | Dodecane, 6-methyl-                 | 184 | C13H28    | 006044-71-9  | 49   |
| 5    |    |   | Sulfurous acid, butyl 2-ethylhex... | 250 | C12H26O3S | 1000309-18-8 | 47   |



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Data File : BF128049.D  
Acq On : 03 May 2022 16:49  
Operator : CG\JU  
Sample : N2664-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-6

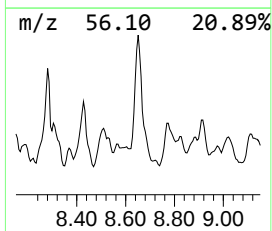
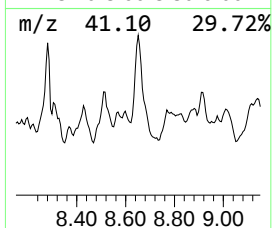
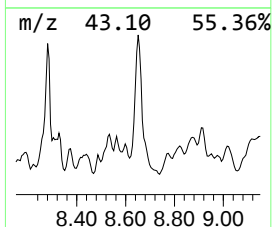
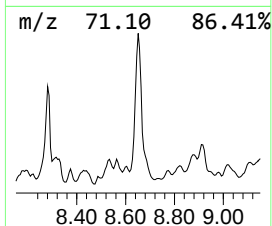
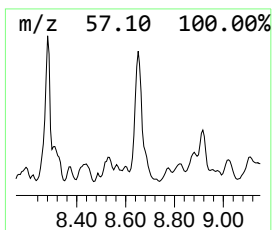
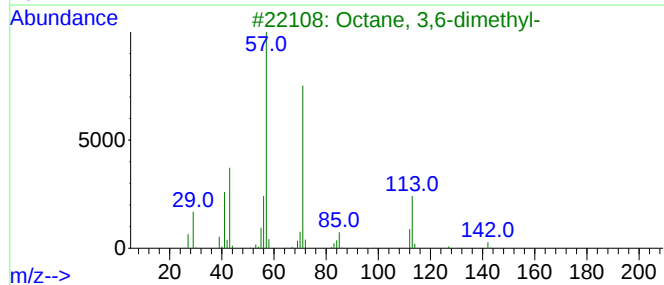
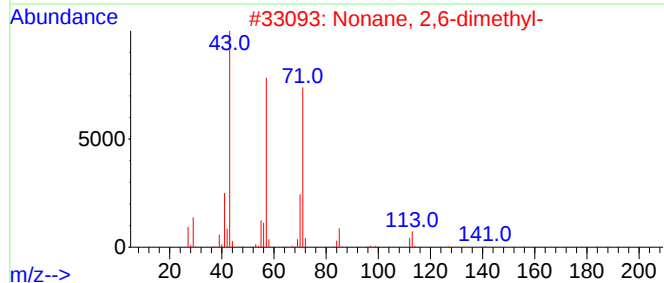
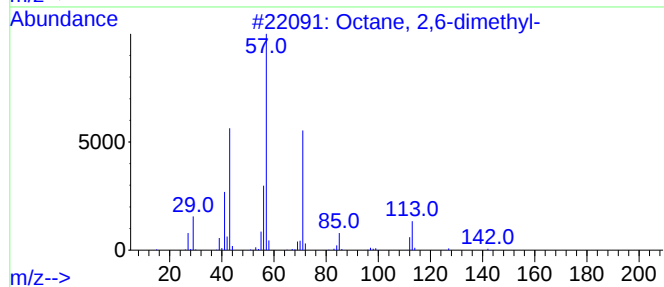
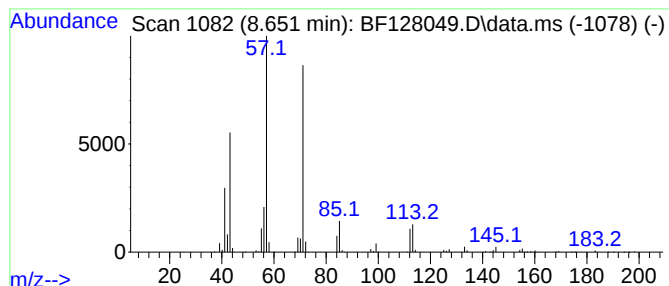
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Octane, 2,6-dimethyl- Concentration Rank 13

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 8.651 | 23.19 ng | 7378730 | Naphthalene-d8   | 8.222 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Octane, 2,6-dimethyl-               | 142 | C10H22    | 002051-30-1  | 90   |
| 2    |    |   | Nonane, 2,6-dimethyl-               | 156 | C11H24    | 017302-28-2  | 80   |
| 3    |    |   | Octane, 3,6-dimethyl-               | 142 | C10H22    | 015869-94-0  | 78   |
| 4    |    |   | Butane, 2,2-dimethyl-               | 86  | C6H14     | 000075-83-2  | 59   |
| 5    |    |   | Sulfurous acid, 2-ethylhexyl pen... | 264 | C13H28O3S | 1000309-18-9 | 59   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050322\  
Data File : BF128049.D  
Acq On : 03 May 2022 16:49  
Operator : CG\JU  
Sample : N2664-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-6

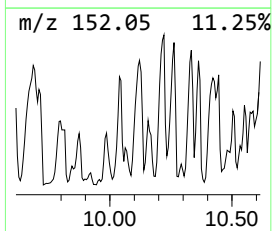
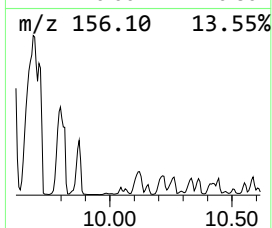
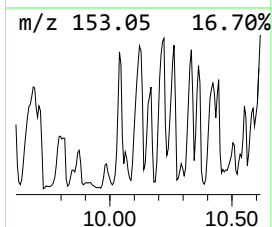
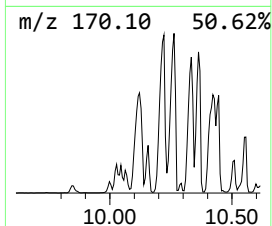
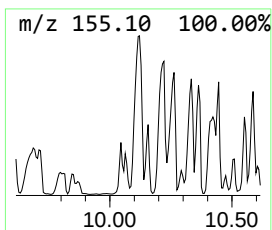
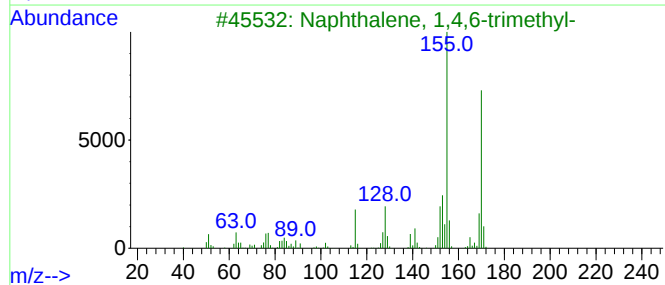
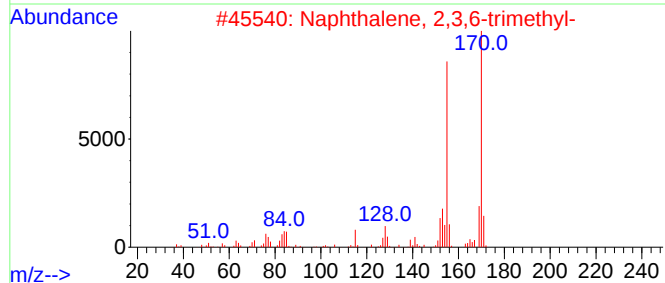
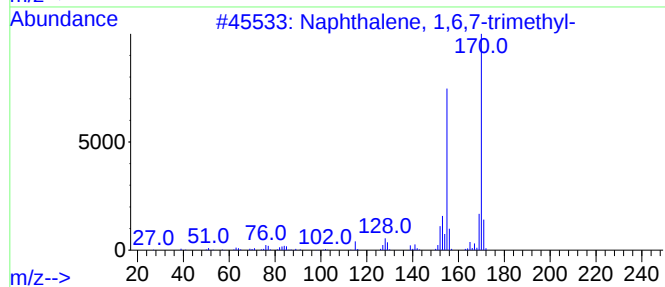
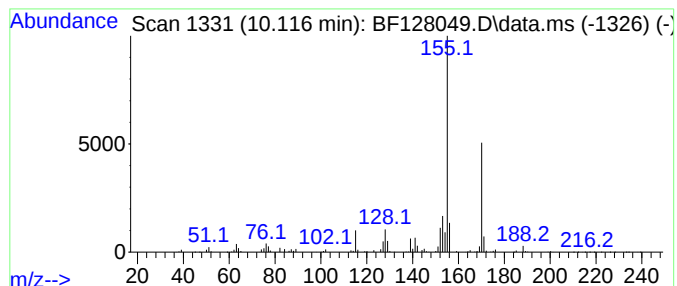
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 10.116    | 20.00 ng                            | 6086180 | Acenaphthene-d10 | 10.004      |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | Naphthalene, 1,6,7-trimethyl-       | 170     | C13H14           | 002245-38-7 | 94   |
| 2         | Naphthalene, 2,3,6-trimethyl-       | 170     | C13H14           | 000829-26-5 | 94   |
| 3         | Naphthalene, 1,4,6-trimethyl-       | 170     | C13H14           | 002131-42-2 | 93   |
| 4         | Naphthalene, 2-(1-methylethyl)-     | 170     | C13H14           | 002027-17-0 | 91   |
| 5         | Ethanone, 1-(5-chloro-2-hydroxyp... | 170     | C8H7ClO2         | 001450-74-4 | 72   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050322\  
Data File : BF128049.D  
Acq On : 03 May 2022 16:49  
Operator : CG\JU  
Sample : N2664-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

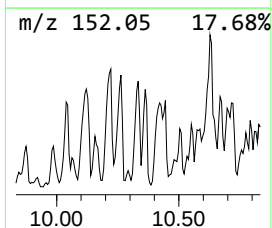
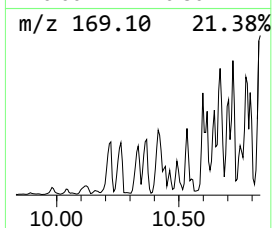
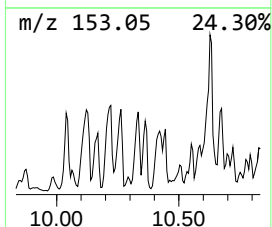
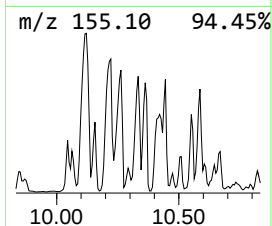
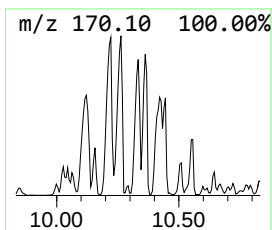
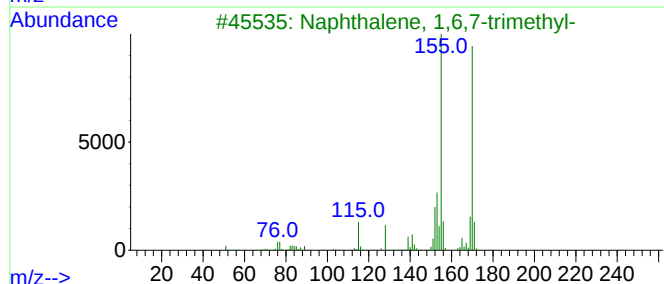
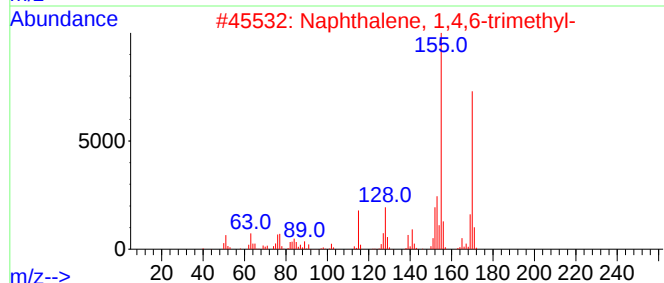
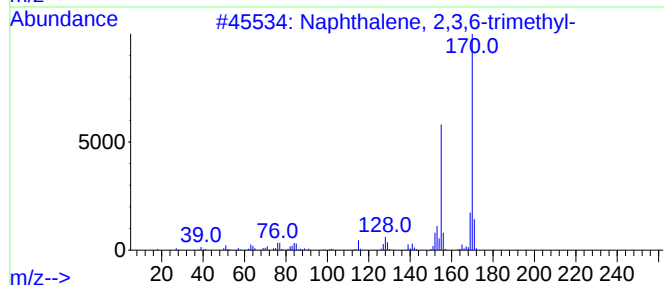
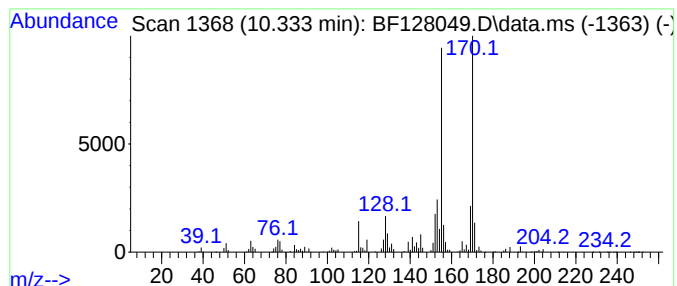
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TIC Integration Parameters: LSCINT.P

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Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 10.333 | 19.06 ng | 5801140 | Acenaphthene-d10 | 10.004 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|------|-------------------------------------|-----|---------|--------------|------|
| 1    |      | Naphthalene, 2,3,6-trimethyl-       | 170 | C13H14  | 000829-26-5  | 97   |
| 2    |      | Naphthalene, 1,4,6-trimethyl-       | 170 | C13H14  | 002131-42-2  | 97   |
| 3    |      | Naphthalene, 1,6,7-trimethyl-       | 170 | C13H14  | 002245-38-7  | 97   |
| 4    |      | 1-(2,2-Dimethylcyclopropyl)-2-ph... | 170 | C13H14  | 1000294-91-1 | 93   |
| 5    |      | 4,6,8-Trimethylazulene              | 170 | C13H14  | 000941-81-1  | 93   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050322\  
Data File : BF128049.D  
Acq On : 03 May 2022 16:49  
Operator : CG\JU  
Sample : N2664-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-6

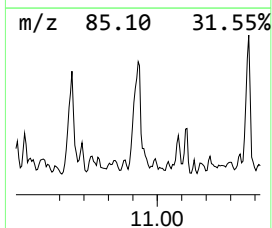
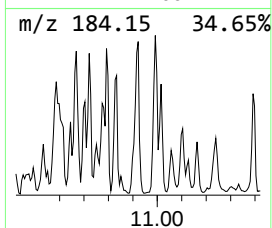
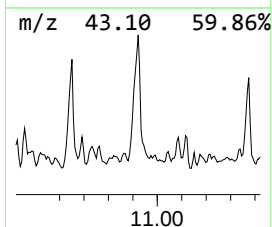
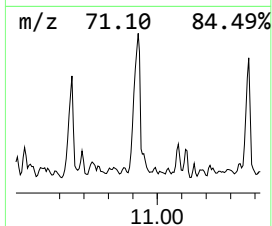
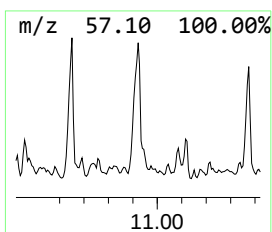
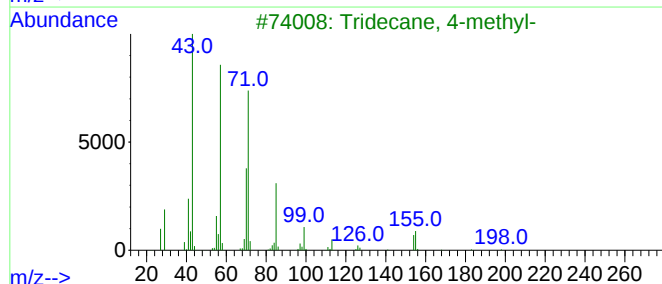
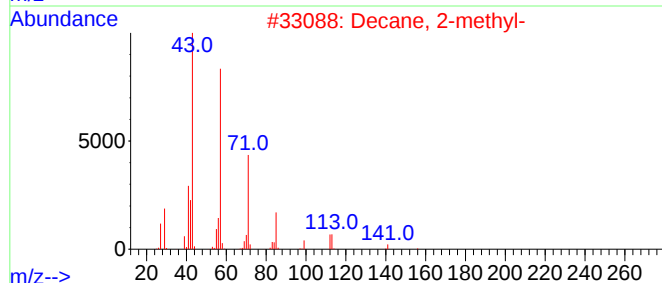
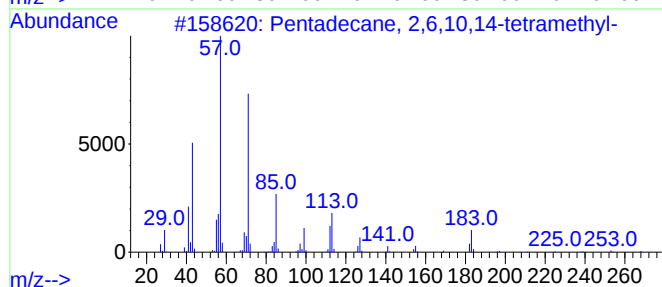
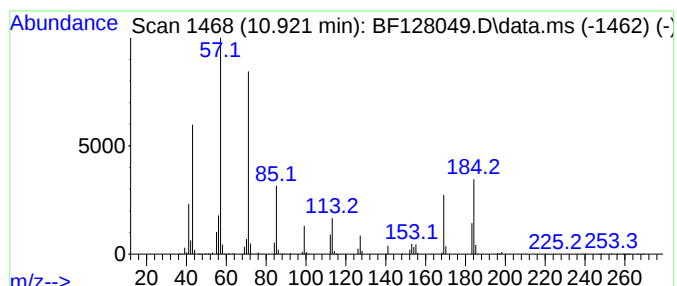
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 12 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

| R.T.      | EstConc                             | Area     | Relative to ISTD |           |              | R.T.   |
|-----------|-------------------------------------|----------|------------------|-----------|--------------|--------|
| 10.922    | 123.08 ng                           | 10997800 | Phenanthrene-d10 |           |              | 11.492 |
| Hit# of 5 | Tentative ID                        |          | MW               | MolForm   | CAS#         | Qual   |
| 1         | Pentadecane, 2,6,10,14-tetramethyl- |          | 268              | C19H40    | 001921-70-6  | 59     |
| 2         | Decane, 2-methyl-                   |          | 156              | C11H24    | 006975-98-0  | 52     |
| 3         | Tridecane, 4-methyl-                |          | 198              | C14H30    | 026730-12-1  | 50     |
| 4         | Sulfurous acid, 2-ethylhexyl und... |          | 348              | C19H40O3S | 1000309-19-4 | 50     |
| 5         | Tridecane, 7-methyl-                |          | 198              | C14H30    | 026730-14-3  | 49     |



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Data File : BF128049.D  
Acq On : 03 May 2022 16:49  
Operator : CG\JU  
Sample : N2664-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

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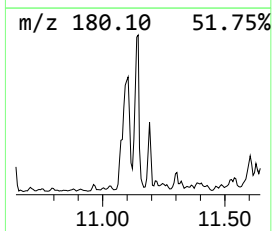
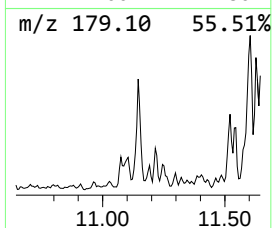
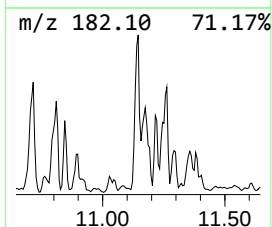
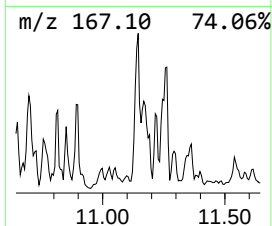
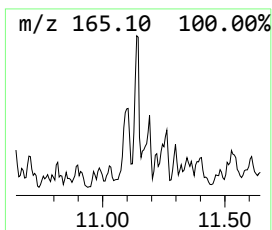
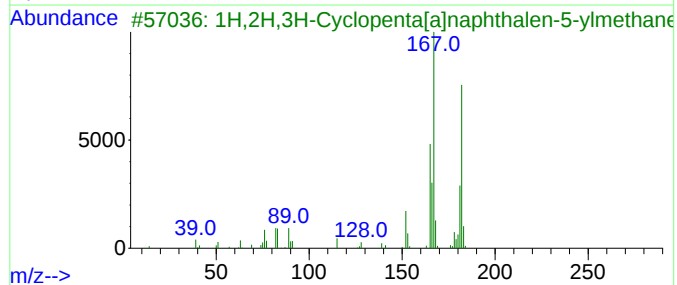
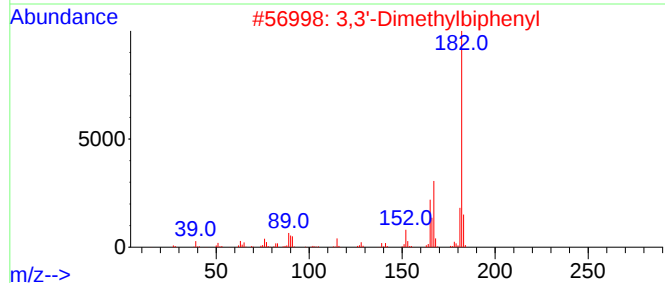
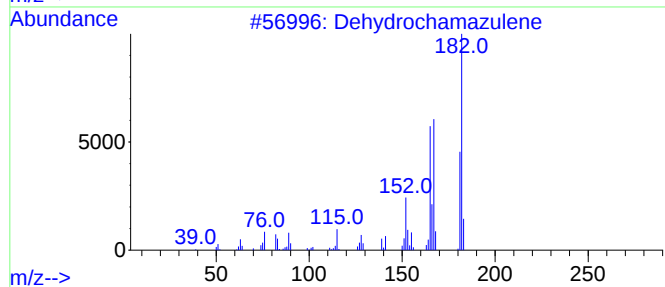
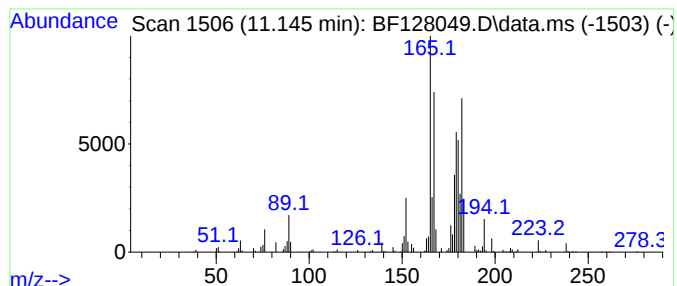
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TIC Integration Parameters: LSCINT.P

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Peak Number 13 Dehydrochamazulene Concentration Rank 19

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 11.145 | 19.18 ng | 1713500 | Phenanthrene-d10 | 11.492 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Dehydrochamazulene                  | 182 | C14H14  | 321732-25-6 | 55   |
| 2    |      | 3,3'-Dimethylbiphenyl               | 182 | C14H14  | 000612-75-9 | 49   |
| 3    |      | 1H,2H,3H-Cyclopenta[a]naphthalen... | 182 | C14H14  | 001624-22-2 | 43   |
| 4    |      | 9H-Fluorene, 1-methyl-              | 180 | C14H12  | 001730-37-6 | 42   |
| 5    |      | 9H-Fluorene, 9-methyl-              | 180 | C14H12  | 002523-37-7 | 42   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050322\  
Data File : BF128049.D  
Acq On : 03 May 2022 16:49  
Operator : CG\JU  
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Misc :  
ALS Vial : 11 Sample Multiplier: 1

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BNA\_F  
ClientSampleId :  
S-6

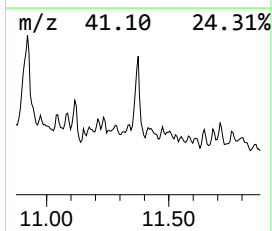
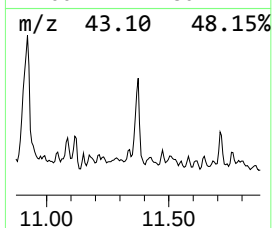
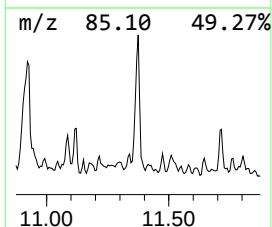
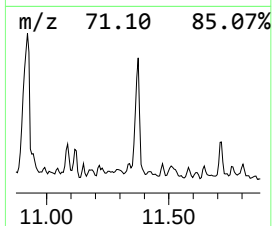
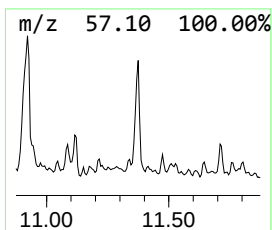
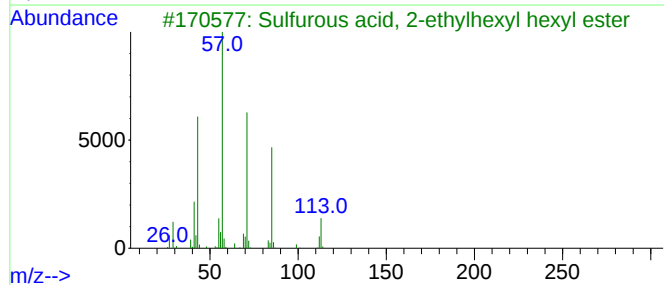
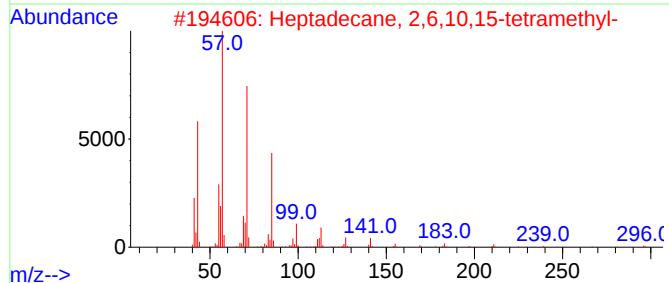
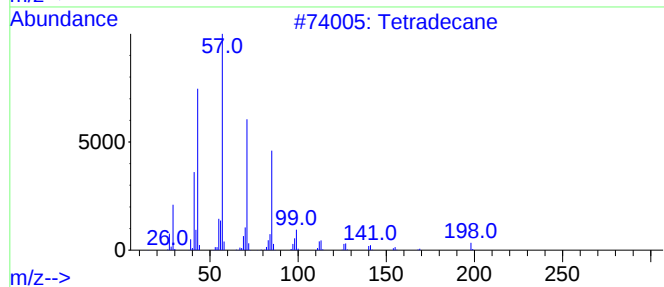
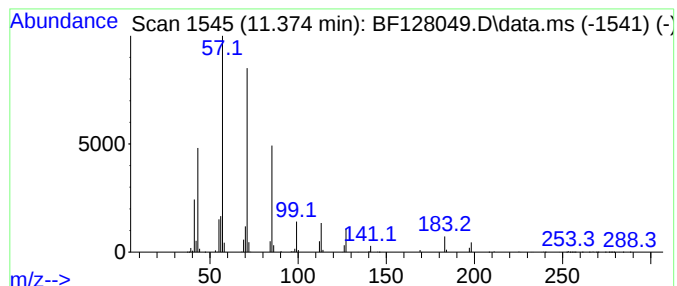
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 Tetradecane Concentration Rank 2

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|---------|------------------|--------------|------|
| 11.374    | 78.58 ng                            | 7021160 | Phenanthrene-d10 | 11.492       |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#         | Qual |
| 1         | Tetradecane                         | 198     | C14H30           | 000629-59-4  | 80   |
| 2         | Heptadecane, 2,6,10,15-tetramethyl- | 296     | C21H44           | 054833-48-6  | 78   |
| 3         | Sulfurous acid, 2-ethylhexyl hex... | 278     | C14H30O3S        | 1000309-20-2 | 72   |
| 4         | Dodecane, 2,6,10-trimethyl-         | 212     | C15H32           | 003891-98-3  | 64   |
| 5         | Undecane, 6-ethyl-                  | 184     | C13H28           | 017312-60-6  | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050322\  
Data File : BF128049.D  
Acq On : 03 May 2022 16:49  
Operator : CG\JU  
Sample : N2664-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-6

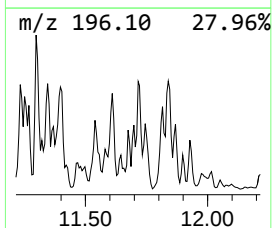
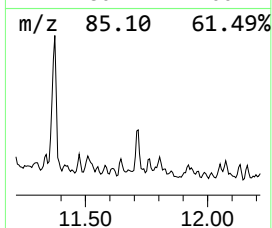
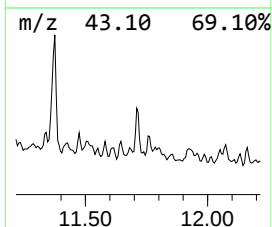
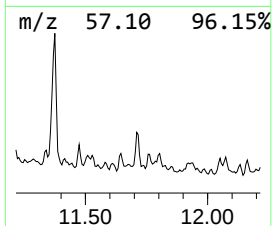
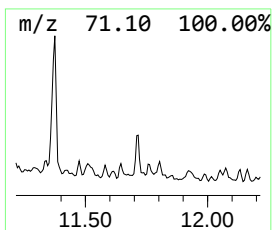
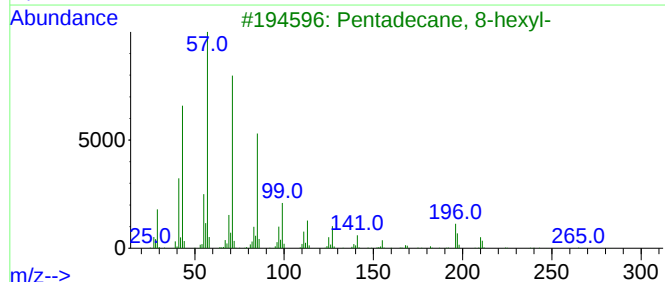
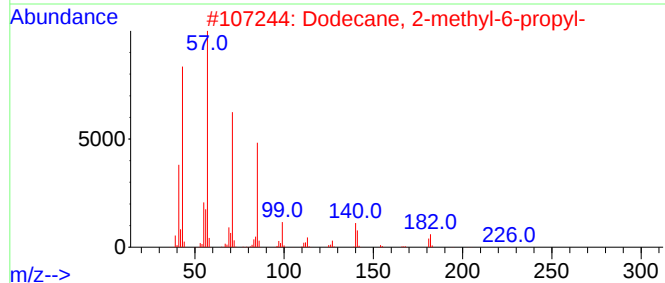
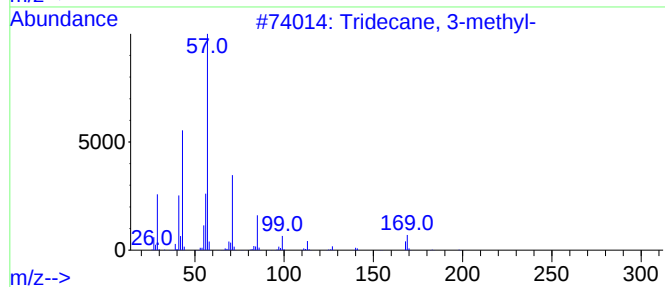
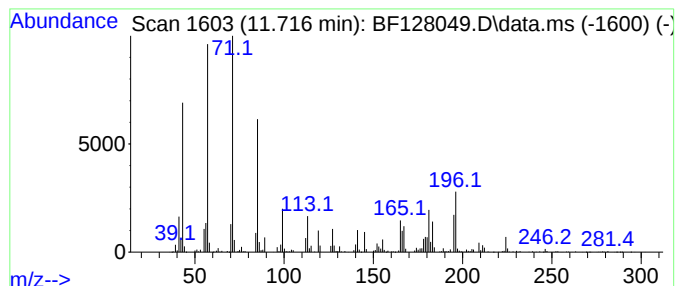
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 Tridecane, 3-methyl- Concentration Rank 14

| R.T.      | EstConc                      | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|------------------------------|---------|------------------|---------|-------------|------|
| 11.716    | 22.86 ng                     | 2042210 | Phenanthrene-d10 |         | 11.492      |      |
| Hit# of 5 | Tentative ID                 |         | MW               | MolForm | CAS#        | Qual |
| 1         | Tridecane, 3-methyl-         |         | 198              | C14H30  | 006418-41-3 | 53   |
| 2         | Dodecane, 2-methyl-6-propyl- |         | 226              | C16H34  | 055045-08-4 | 52   |
| 3         | Pentadecane, 8-hexyl-        |         | 296              | C21H44  | 013475-75-7 | 52   |
| 4         | Hentriacontane               |         | 437              | C31H64  | 000630-04-6 | 49   |
| 5         | Dodecane, 2-methyl-          |         | 184              | C13H28  | 001560-97-0 | 49   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050322\  
Data File : BF128049.D  
Acq On : 03 May 2022 16:49  
Operator : CG\JU  
Sample : N2664-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

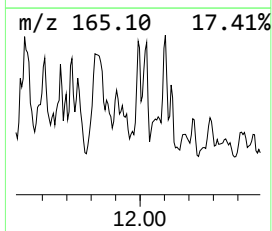
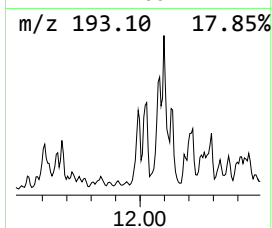
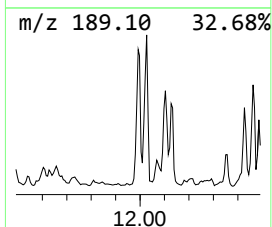
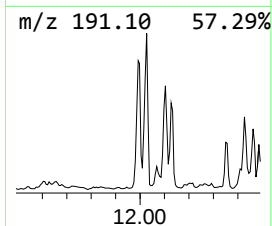
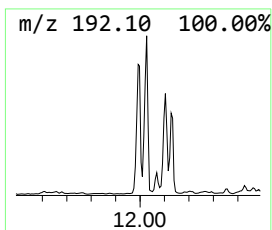
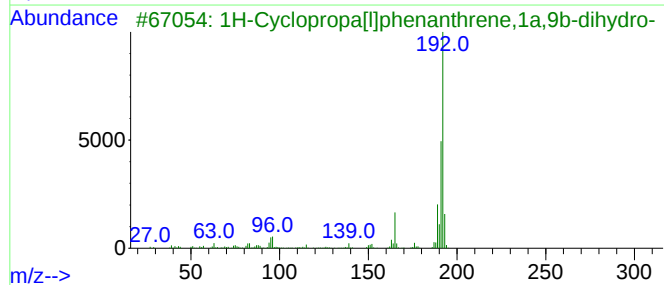
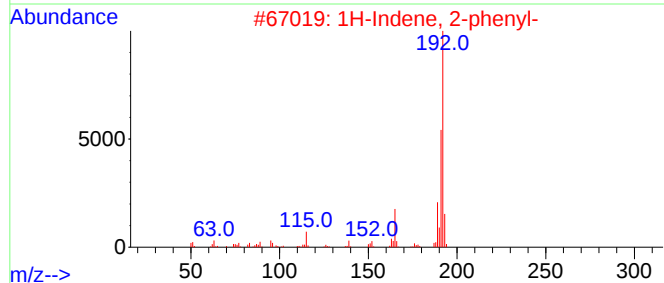
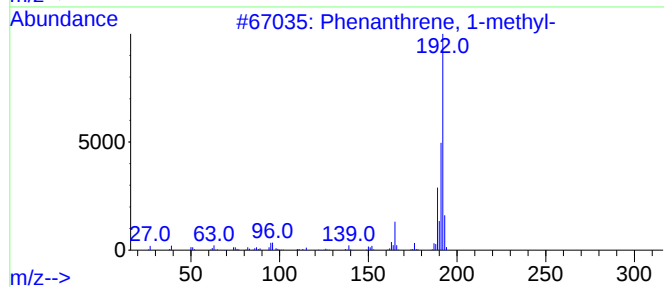
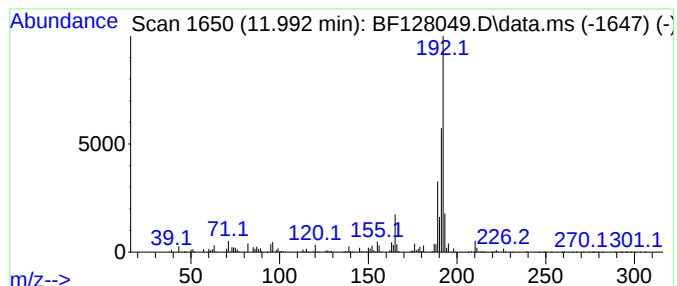
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ClientSampleId :  
S-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 11

| R.T.      | EstConc                             | Area    | Relative to ISTD | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|-------------|------|
| 11.992    | 27.49 ng                            | 2456330 | Phenanthrene-d10 | 11.492      |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm          | CAS#        | Qual |
| 1         | Phenanthrene, 1-methyl-             | 192     | C15H12           | 000832-69-9 | 97   |
| 2         | 1H-Indene, 2-phenyl-                | 192     | C15H12           | 004505-48-0 | 94   |
| 3         | 1H-Cyclopropa[1]phenanthrene,1a,... | 192     | C15H12           | 000949-41-7 | 94   |
| 4         | Phenanthrene, 2-methyl-             | 192     | C15H12           | 002531-84-2 | 94   |
| 5         | Anthracene, 9-methyl-               | 192     | C15H12           | 000779-02-2 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050322\  
Data File : BF128049.D  
Acq On : 03 May 2022 16:49  
Operator : CG\JU  
Sample : N2664-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-6

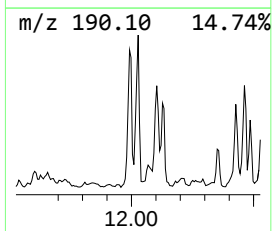
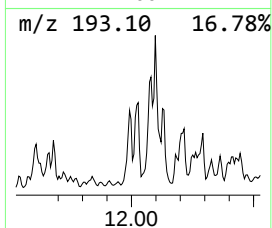
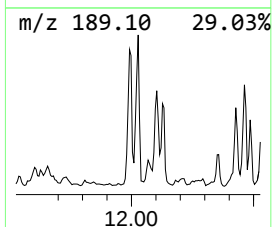
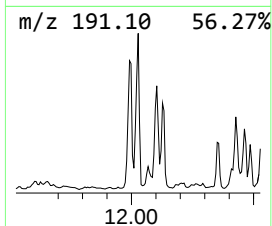
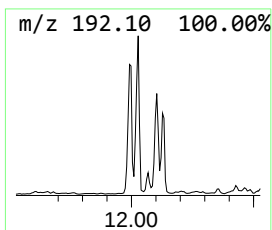
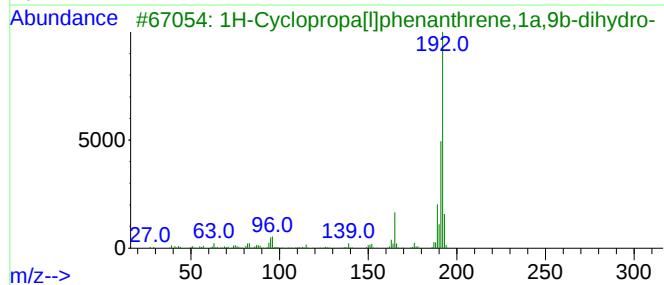
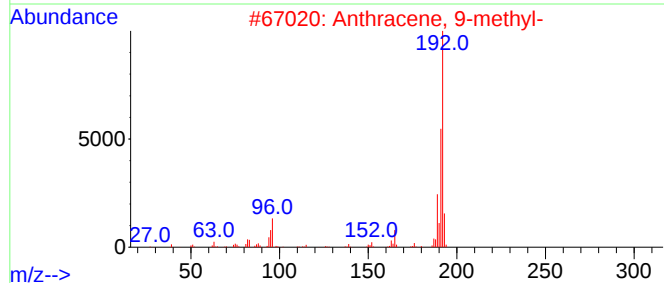
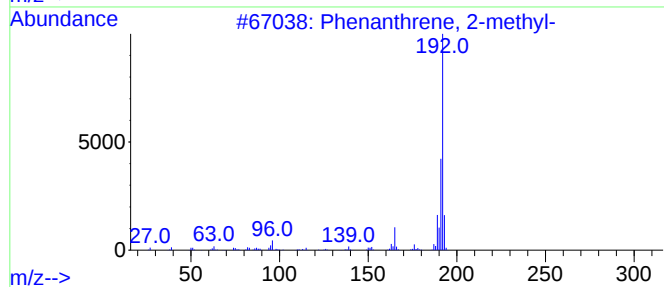
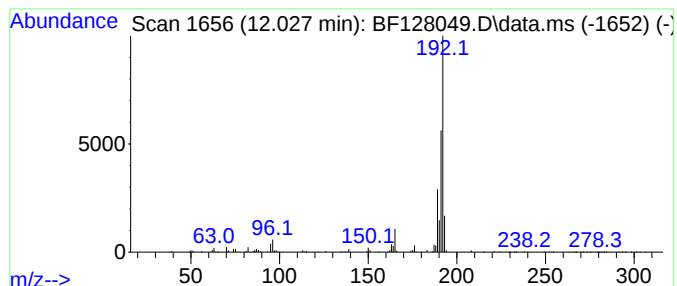
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 5

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 12.027 | 36.22 ng | 3236520 | Phenanthrene-d10 | 11.492 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Phenanthrene, 2-methyl-             | 192 | C15H12  | 002531-84-2 | 94   |
| 2    |      | Anthracene, 9-methyl-               | 192 | C15H12  | 000779-02-2 | 93   |
| 3    |      | 1H-Cyclopropa[1]phenanthrene,1a,... | 192 | C15H12  | 000949-41-7 | 90   |
| 4    |      | Anthracene, 2-methyl-               | 192 | C15H12  | 000613-12-7 | 89   |
| 5    |      | Phenanthrene, 1-methyl-             | 192 | C15H12  | 000832-69-9 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050322\  
Data File : BF128049.D  
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Operator : CG\JU  
Sample : N2664-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

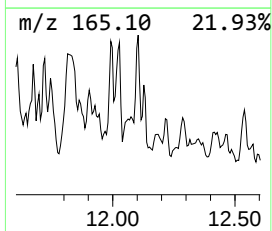
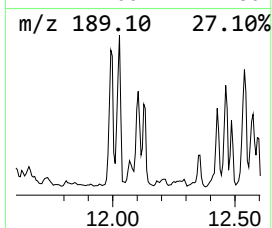
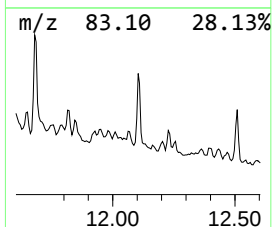
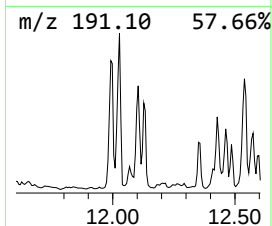
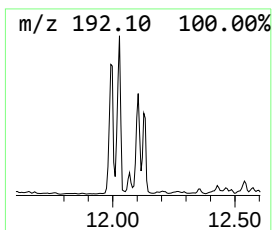
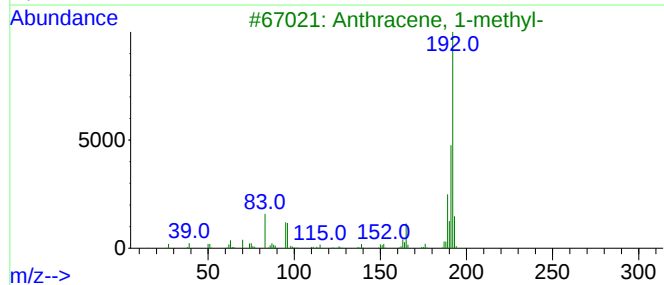
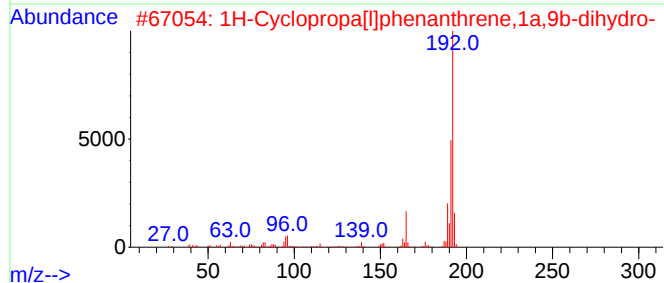
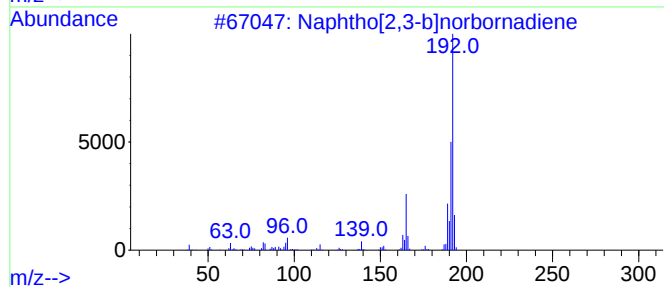
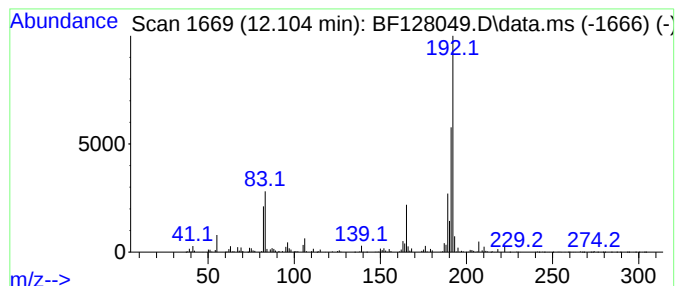
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 18 Naphtho[2,3-b]norbornadiene Concentration Rank 6

| R.T.      | EstConc                             | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|-------------------------------------|---------|------------------|---------|-------------|------|
| 12.104    | 35.51 ng                            | 3172830 | Phenanthrene-d10 |         | 11.492      |      |
| Hit# of 5 | Tentative ID                        |         | MW               | MolForm | CAS#        | Qual |
| 1         | Naphtho[2,3-b]norbornadiene         |         | 192              | C15H12  | 107426-38-0 | 78   |
| 2         | 1H-Cyclopropa[1]phenanthrene,1a,... |         | 192              | C15H12  | 000949-41-7 | 70   |
| 3         | Anthracene, 1-methyl-               |         | 192              | C15H12  | 000610-48-0 | 70   |
| 4         | 1a,9b-Dihydro-1H-cyclopropa[a]an... |         | 192              | C15H12  | 006109-24-6 | 64   |
| 5         | 1H-Indene, 2-phenyl-                |         | 192              | C15H12  | 004505-48-0 | 64   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050322\  
Data File : BF128049.D  
Acq On : 03 May 2022 16:49  
Operator : CG\JU  
Sample : N2664-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

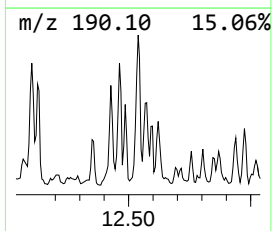
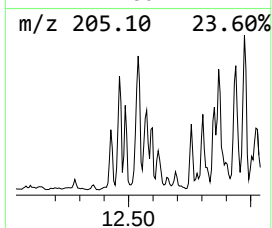
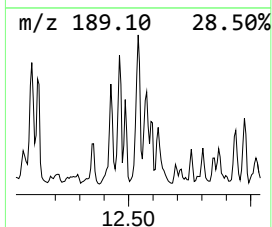
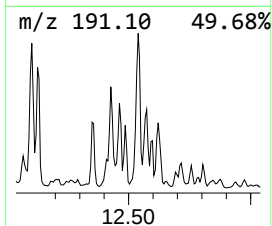
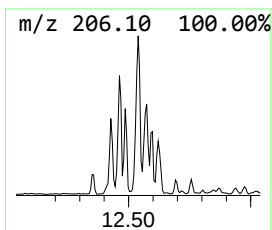
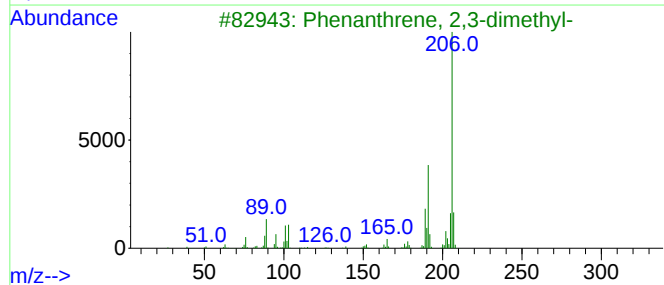
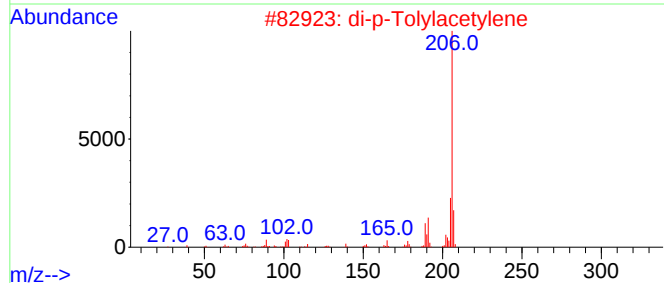
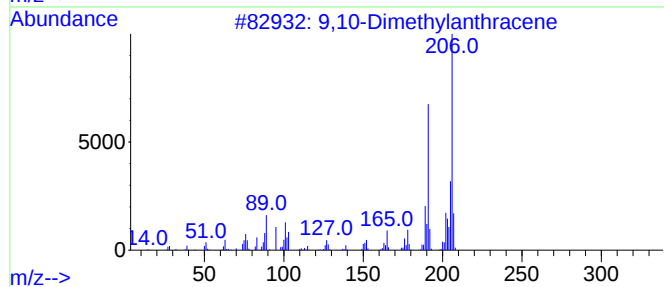
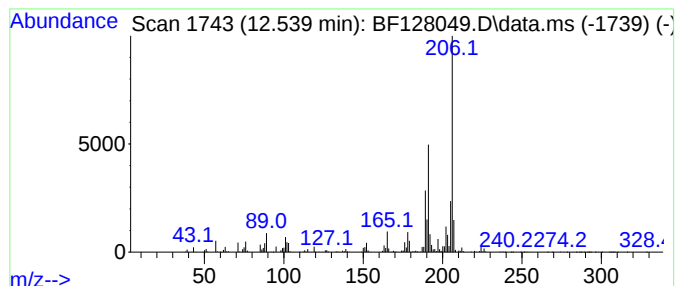
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ClientSampleId :  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 19 9,10-Dimethylantracene Concentration Rank 9

| R.T.   | EstConc                     | Area         | Relative to ISTD |             |      | R.T.   |
|--------|-----------------------------|--------------|------------------|-------------|------|--------|
| 12.539 | 32.07 ng                    | 2865790      | Phenanthrene-d10 |             |      | 11.492 |
| Hit#   | of 5                        | Tentative ID | MW               | MolForm     | CAS# | Qual   |
| 1      | 9,10-Dimethylantracene      | 206          | C16H14           | 000781-43-1 | 93   |        |
| 2      | di-p-Tolylacetylene         | 206          | C16H14           | 002789-88-0 | 93   |        |
| 3      | Phenanthrene, 2,3-dimethyl- | 206          | C16H14           | 003674-65-5 | 87   |        |
| 4      | Phenanthrene, 2,5-dimethyl- | 206          | C16H14           | 003674-66-6 | 87   |        |
| 5      | Anthracene, 1,4-dimethyl-   | 206          | C16H14           | 000781-92-0 | 83   |        |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050322\  
Data File : BF128049.D  
Acq On : 03 May 2022 16:49  
Operator : CG\JU  
Sample : N2664-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

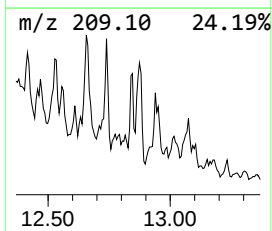
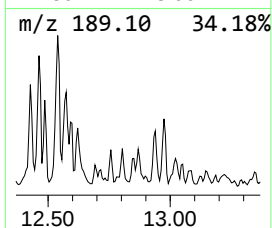
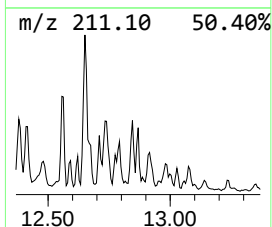
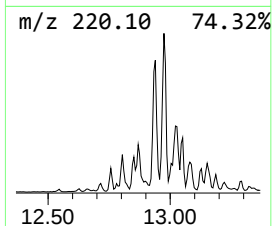
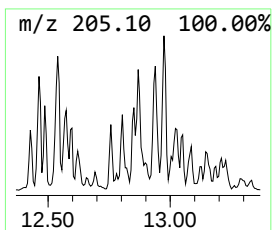
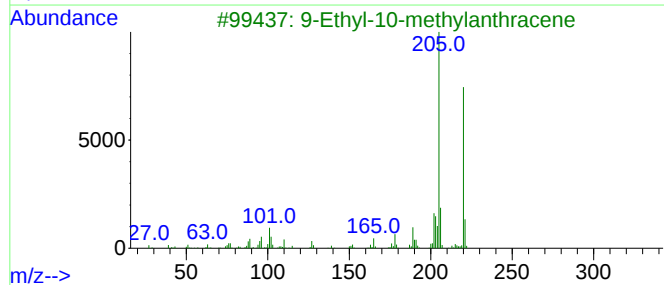
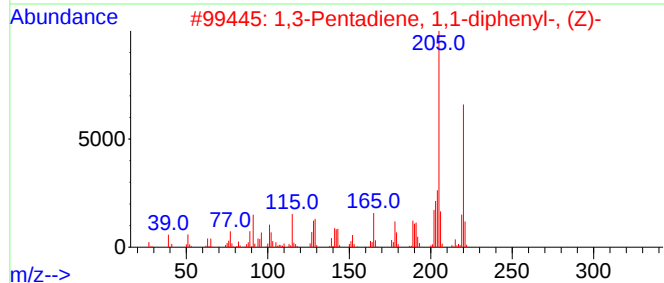
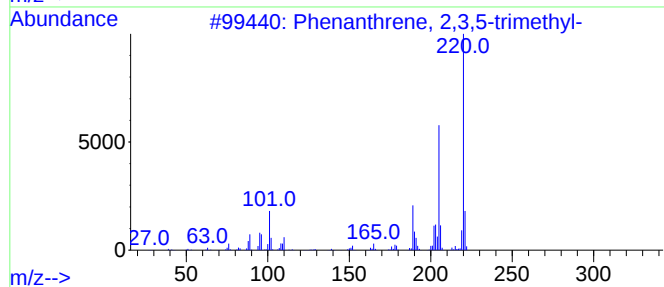
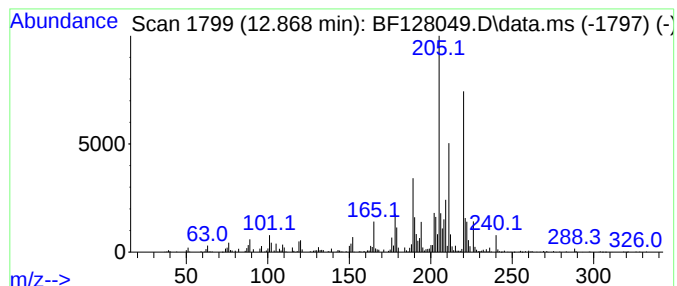
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Peak Number 20 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 12

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 12.868 | 24.86 ng | 782186 | Chrysene-d12     | 14.104 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|------|-------------------------------------|-----|---------|-------------|------|
| 1    |      | Phenanthrene, 2,3,5-trimethyl-      | 220 | C17H16  | 003674-73-5 | 64   |
| 2    |      | 1,3-Pentadiene, 1,1-diphenyl-, (Z)- | 220 | C17H16  | 015295-31-5 | 60   |
| 3    |      | 9-Ethyl-10-methylanthracene         | 220 | C17H16  | 019713-49-6 | 53   |
| 4    |      | Ethanone, 1-(9-anthracenyl)-        | 220 | C16H12O | 000784-04-3 | 49   |
| 5    |      | Anthracene, 9-(1-methylethyl)-      | 220 | C17H16  | 001498-80-2 | 49   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050322\  
 Data File : BF128049.D  
 Acq On : 03 May 2022 16:49  
 Operator : CG\JU  
 Sample : N2664-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.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 |
| Benzene, 1-ethy... | 6.445  | 22.6    | ng    | 2477970  | 1                     | 6.922  | 2194640 | 20.0 |
| Cyclohexane, bu... | 7.063  | 21.7    | ng    | 2377210  | 1                     | 6.922  | 2194640 | 20.0 |
| Benzene, 1-meth... | 7.192  | 33.4    | ng    | 3669290  | 1                     | 6.922  | 2194640 | 20.0 |
| Benzene, 1-ethy... | 7.239  | 34.4    | ng    | 3770510  | 1                     | 6.922  | 2194640 | 20.0 |
| Benzene, 1-meth... | 7.316  | 46.9    | ng    | 5148520  | 1                     | 6.922  | 2194640 | 20.0 |
| Benzene, 1,3-di... | 7.569  | 61.1    | ng    | 6705690  | 1                     | 6.922  | 2194640 | 20.0 |
| Benzene, 2-bute... | 7.957  | 31.6    | ng    | 10041400 | 2                     | 8.222  | 6363890 | 20.0 |
| Undecane, 2,6-d... | 8.275  | 22.5    | ng    | 7172550  | 2                     | 8.222  | 6363890 | 20.0 |
| Octane, 2,6-dim... | 8.651  | 23.2    | ng    | 7378730  | 2                     | 8.222  | 6363890 | 20.0 |
| Naphthalene, 1,... | 10.116 | 20.0    | ng    | 6086180  | 3                     | 10.004 | 6086180 | 20.0 |
| Naphthalene, 2,... | 10.333 | 19.1    | ng    | 5801140  | 3                     | 10.004 | 6086180 | 20.0 |
| Pentadecane, 2,... | 10.922 | 123.1   | ng    | 10997800 | 4                     | 11.492 | 1787090 | 20.0 |
| Dehydrochamazulene | 11.145 | 19.2    | ng    | 1713500  | 4                     | 11.492 | 1787090 | 20.0 |
| Tetradecane        | 11.374 | 78.6    | ng    | 7021160  | 4                     | 11.492 | 1787090 | 20.0 |
| Tridecane, 3-me... | 11.716 | 22.9    | ng    | 2042210  | 4                     | 11.492 | 1787090 | 20.0 |
| Phenanthrene, 1... | 11.992 | 27.5    | ng    | 2456330  | 4                     | 11.492 | 1787090 | 20.0 |
| Phenanthrene, 2... | 12.027 | 36.2    | ng    | 3236520  | 4                     | 11.492 | 1787090 | 20.0 |
| Naphtho[2,3-b]n... | 12.104 | 35.5    | ng    | 3172830  | 4                     | 11.492 | 1787090 | 20.0 |
| 9,10-Dimethylan... | 12.539 | 32.1    | ng    | 2865790  | 4                     | 11.492 | 1787090 | 20.0 |
| Phenanthrene, 2... | 12.868 | 24.9    | ng    | 782186   | 5                     | 14.104 | 629293  | 20.0 |