

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082224\  
 Data File : BF139129.D  
 Acq On : 22 Aug 2024 18:21  
 Operator : RC/JU  
 Sample : P3641-03  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S-908-K1-0-0.5-081524

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-BF082024.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139129.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         | 2.210       | 12            | 20          | 27           | rVB      | 1026561        | 1570126       | 47.58%          | 2.838%        |
| 2         | 5.116       | 505           | 514         | 520          | rVB      | 67268          | 103491        | 3.14%           | 0.187%        |
| 3         | 5.516       | 576           | 582         | 587          | rBV      | 1160203        | 1491964       | 45.21%          | 2.697%        |
| 4         | 6.181       | 690           | 695         | 700          | rVB      | 408546         | 499334        | 15.13%          | 0.902%        |
| 5         | 6.516       | 746           | 752         | 758          | rBV      | 1063408        | 1440014       | 43.64%          | 2.603%        |
| 6         | 6.898       | 812           | 817         | 822          | rBV      | 446447         | 537108        | 16.28%          | 0.971%        |
| 7         | 7.051       | 839           | 843         | 848          | rVB      | 146765         | 187109        | 5.67%           | 0.338%        |
| 8         | 7.457       | 903           | 912         | 917          | rBV      | 729864         | 920301        | 27.89%          | 1.663%        |
| 9         | 7.898       | 975           | 987         | 998          | rBV      | 113402         | 320693        | 9.72%           | 0.580%        |
| 10        | 8.181       | 1029          | 1035        | 1042         | rBV      | 503166         | 643513        | 19.50%          | 1.163%        |
| 11        | 8.486       | 1083          | 1087        | 1095         | rVB      | 51991          | 71506         | 2.17%           | 0.129%        |
| 12        | 9.133       | 1193          | 1197        | 1206         | rVB      | 62708          | 87970         | 2.67%           | 0.159%        |
| 13        | 9.251       | 1212          | 1217        | 1222         | rBV      | 1163735        | 1422172       | 43.10%          | 2.570%        |
| 14        | 9.375       | 1231          | 1238        | 1247         | rVB3     | 132099         | 238049        | 7.21%           | 0.430%        |
| 15        | 9.592       | 1266          | 1275        | 1278         | rBV2     | 102961         | 150904        | 4.57%           | 0.273%        |
| 16        | 9.633       | 1278          | 1282        | 1289         | rVB      | 109925         | 145960        | 4.42%           | 0.264%        |
| 17        | 9.786       | 1303          | 1308        | 1314         | rBV      | 234246         | 303945        | 9.21%           | 0.549%        |
| 18        | 9.845       | 1314          | 1318        | 1324         | rBV3     | 79660          | 115353        | 3.50%           | 0.208%        |
| 19        | 9.910       | 1324          | 1329        | 1332         | rBV      | 914155         | 1321815       | 40.06%          | 2.389%        |
| 20        | 9.963       | 1336          | 1338        | 1345         | rVB2     | 175595         | 243054        | 7.37%           | 0.439%        |
| 21        | 10.057      | 1345          | 1354        | 1358         | rBV2     | 150204         | 268891        | 8.15%           | 0.486%        |
| 22        | 10.139      | 1364          | 1368        | 1370         | rBV      | 45804          | 71651         | 2.17%           | 0.130%        |
| 23        | 10.475      | 1417          | 1425        | 1431         | rBV2     | 86672          | 158806        | 4.81%           | 0.287%        |
| 24        | 10.633      | 1447          | 1452        | 1455         | rBV3     | 58712          | 92708         | 2.81%           | 0.168%        |
| 25        | 10.716      | 1459          | 1466        | 1471         | rVV2     | 668673         | 939671        | 28.48%          | 1.698%        |
| 26        | 10.839      | 1483          | 1487        | 1491         | rBV      | 55349          | 70409         | 2.13%           | 0.127%        |
| 27        | 10.927      | 1496          | 1502        | 1505         | rBV5     | 37541          | 63912         | 1.94%           | 0.116%        |
| 28        | 10.963      | 1505          | 1508        | 1512         | rVB      | 102943         | 123662        | 3.75%           | 0.224%        |
| 29        | 11.075      | 1522          | 1527        | 1531         | rBV3     | 43148          | 60614         | 1.84%           | 0.110%        |
| 30        | 11.222      | 1547          | 1552        | 1556         | rVV2     | 74065          | 106870        | 3.24%           | 0.193%        |
| 31        | 11.316      | 1564          | 1568        | 1573         | rVV      | 67539          | 93590         | 2.84%           | 0.169%        |
| 32        | 11.422      | 1581          | 1586        | 1587         | rVV      | 421751         | 554292        | 16.80%          | 1.002%        |
| 33        | 11.445      | 1587          | 1590        | 1594         | rVV      | 1200489        | 1502865       | 45.54%          | 2.716%        |
| 34        | 11.492      | 1594          | 1598        | 1602         | rVV      | 204880         | 316901        | 9.60%           | 0.573%        |
| 35        | 11.527      | 1602          | 1604        | 1609         | rVV3     | 65316          | 96759         | 2.93%           | 0.175%        |
| 36        | 11.645      | 1618          | 1624        | 1631         | rVV      | 134739         | 204524        | 6.20%           | 0.370%        |

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 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S-908-K1-0-0.5-081524

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-BF082024.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |         |        |
|----|--------|------|------|------|------|---------|---------|---------|--------|
| 37 | 11.857 | 1656 | 1660 | 1662 | rVV  | 47776   | 81638   | 2.47%   | 0.148% |
| 38 | 11.916 | 1666 | 1670 | 1672 | rVV2 | 187486  | 284462  | 8.62%   | 0.514% |
| 39 | 11.951 | 1672 | 1676 | 1681 | rVV  | 584003  | 836118  | 25.34%  | 1.511% |
| 40 | 12.033 | 1685 | 1690 | 1698 | rVV2 | 217605  | 392633  | 11.90%  | 0.710% |
| 41 | 12.121 | 1702 | 1705 | 1717 | rVV6 | 54135   | 145465  | 4.41%   | 0.263% |
| 42 | 12.239 | 1717 | 1725 | 1730 | rVB2 | 253388  | 454050  | 13.76%  | 0.821% |
| 43 | 12.469 | 1760 | 1764 | 1768 | rBV  | 85313   | 118275  | 3.58%   | 0.214% |
| 44 | 12.510 | 1768 | 1771 | 1775 | rVV2 | 55908   | 78199   | 2.37%   | 0.141% |
| 45 | 12.557 | 1775 | 1779 | 1784 | rVB  | 246976  | 317666  | 9.63%   | 0.574% |
| 46 | 12.639 | 1787 | 1793 | 1798 | rBV  | 2266140 | 3299956 | 100.00% | 5.964% |
| 47 | 12.686 | 1798 | 1801 | 1806 | rVV2 | 326544  | 503729  | 15.26%  | 0.910% |
| 48 | 12.733 | 1806 | 1809 | 1815 | rVV3 | 128762  | 237123  | 7.19%   | 0.429% |
| 49 | 12.780 | 1815 | 1817 | 1824 | rVB  | 72992   | 105324  | 3.19%   | 0.190% |
| 50 | 12.869 | 1824 | 1832 | 1836 | rBV  | 1662002 | 2676272 | 81.10%  | 4.837% |
| 51 | 12.910 | 1836 | 1839 | 1843 | rVB  | 67287   | 87199   | 2.64%   | 0.158% |
| 52 | 12.957 | 1843 | 1847 | 1848 | rBV2 | 44651   | 61204   | 1.85%   | 0.111% |
| 53 | 13.004 | 1848 | 1855 | 1861 | rVB  | 989011  | 1416325 | 42.92%  | 2.560% |
| 54 | 13.074 | 1861 | 1867 | 1870 | rBV2 | 110954  | 212080  | 6.43%   | 0.383% |
| 55 | 13.110 | 1870 | 1873 | 1878 | rVB3 | 99023   | 146874  | 4.45%   | 0.265% |
| 56 | 13.186 | 1878 | 1886 | 1889 | rBV  | 208861  | 400431  | 12.13%  | 0.724% |
| 57 | 13.216 | 1889 | 1891 | 1894 | rVV  | 220988  | 256744  | 7.78%   | 0.464% |
| 58 | 13.257 | 1894 | 1898 | 1901 | rVV  | 155819  | 238420  | 7.22%   | 0.431% |
| 59 | 13.292 | 1901 | 1904 | 1907 | rVV2 | 117356  | 167428  | 5.07%   | 0.303% |
| 60 | 13.416 | 1922 | 1925 | 1929 | rBV3 | 46496   | 61085   | 1.85%   | 0.110% |
| 61 | 13.457 | 1929 | 1932 | 1935 | rVB2 | 65338   | 71326   | 2.16%   | 0.129% |
| 62 | 13.586 | 1947 | 1954 | 1957 | rBV6 | 46272   | 119946  | 3.63%   | 0.217% |
| 63 | 13.663 | 1964 | 1967 | 1969 | rBV  | 75871   | 89531   | 2.71%   | 0.162% |
| 64 | 13.698 | 1969 | 1973 | 1978 | rVB2 | 161167  | 246644  | 7.47%   | 0.446% |
| 65 | 13.774 | 1981 | 1986 | 1991 | rBV  | 1836438 | 2608215 | 79.04%  | 4.714% |
| 66 | 13.904 | 2004 | 2008 | 2015 | rVB  | 854840  | 1170864 | 35.48%  | 2.116% |
| 67 | 14.057 | 2026 | 2034 | 2037 | rBV2 | 950925  | 1818484 | 55.11%  | 3.287% |
| 68 | 14.086 | 2037 | 2039 | 2043 | rVV  | 797308  | 957278  | 29.01%  | 1.730% |
| 69 | 14.127 | 2043 | 2046 | 2049 | rVV  | 199465  | 286667  | 8.69%   | 0.518% |
| 70 | 14.163 | 2049 | 2052 | 2056 | rVV  | 149898  | 222280  | 6.74%   | 0.402% |
| 71 | 14.198 | 2056 | 2058 | 2060 | rVV  | 51212   | 63387   | 1.92%   | 0.115% |
| 72 | 14.233 | 2060 | 2064 | 2068 | rVV4 | 107858  | 216270  | 6.55%   | 0.391% |
| 73 | 14.280 | 2069 | 2072 | 2076 | rVB2 | 82534   | 113074  | 3.43%   | 0.204% |
| 74 | 14.351 | 2080 | 2084 | 2088 | rBV  | 212193  | 264498  | 8.02%   | 0.478% |
| 75 | 14.439 | 2096 | 2099 | 2103 | rBV  | 83763   | 107589  | 3.26%   | 0.194% |
| 76 | 14.480 | 2103 | 2106 | 2110 | rVB2 | 100780  | 116564  | 3.53%   | 0.211% |

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 Sample : P3641-03  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S-908-K1-0-0.5-081524

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-BF082024.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 77  | 14.539 | 2111 | 2116 | 2123 | rBV  | 1443966 | 2151166 | 65.19% | 3.888% |
| 78  | 14.757 | 2148 | 2153 | 2163 | rBV3 | 313189  | 571915  | 17.33% | 1.034% |
| 79  | 14.862 | 2164 | 2171 | 2178 | rVB5 | 107099  | 271429  | 8.23%  | 0.491% |
| 80  | 14.998 | 2189 | 2194 | 2200 | rBV  | 453328  | 624627  | 18.93% | 1.129% |
| 81  | 15.110 | 2207 | 2213 | 2222 | rBV  | 754481  | 1759202 | 53.31% | 3.180% |
| 82  | 15.204 | 2223 | 2229 | 2239 | rVV3 | 904265  | 2331386 | 70.65% | 4.214% |
| 83  | 15.368 | 2253 | 2257 | 2260 | rBV  | 91820   | 131295  | 3.98%  | 0.237% |
| 84  | 15.415 | 2260 | 2265 | 2270 | rVB  | 371456  | 567238  | 17.19% | 1.025% |
| 85  | 15.480 | 2270 | 2276 | 2281 | rBV  | 536537  | 817030  | 24.76% | 1.477% |
| 86  | 15.539 | 2282 | 2286 | 2289 | rBV  | 187796  | 279219  | 8.46%  | 0.505% |
| 87  | 15.574 | 2289 | 2292 | 2298 | rVB2 | 132464  | 222190  | 6.73%  | 0.402% |
| 88  | 15.798 | 2324 | 2330 | 2338 | rVB  | 533341  | 874127  | 26.49% | 1.580% |
| 89  | 16.045 | 2365 | 2372 | 2376 | rBV  | 727091  | 1316817 | 39.90% | 2.380% |
| 90  | 16.092 | 2376 | 2380 | 2387 | rVV2 | 416776  | 779308  | 23.62% | 1.409% |
| 91  | 16.168 | 2388 | 2393 | 2400 | rVB  | 136116  | 305938  | 9.27%  | 0.553% |
| 92  | 16.292 | 2410 | 2414 | 2425 | rVB2 | 76500   | 207880  | 6.30%  | 0.376% |
| 93  | 16.862 | 2504 | 2511 | 2518 | rBV2 | 358891  | 755389  | 22.89% | 1.365% |
| 94  | 17.027 | 2533 | 2539 | 2543 | rBV2 | 263088  | 612533  | 18.56% | 1.107% |
| 95  | 17.180 | 2559 | 2565 | 2569 | rBV  | 146931  | 332867  | 10.09% | 0.602% |
| 96  | 17.268 | 2575 | 2580 | 2590 | rVB2 | 246431  | 569745  | 17.27% | 1.030% |
| 97  | 17.368 | 2592 | 2597 | 2608 | rVB3 | 161082  | 381977  | 11.58% | 0.690% |
| 98  | 17.480 | 2610 | 2616 | 2622 | rBV  | 171671  | 341085  | 10.34% | 0.616% |
| 99  | 17.651 | 2637 | 2645 | 2653 | rBV2 | 484589  | 1261235 | 38.22% | 2.280% |
| 100 | 17.992 | 2697 | 2703 | 2710 | rBV3 | 104359  | 270814  | 8.21%  | 0.489% |

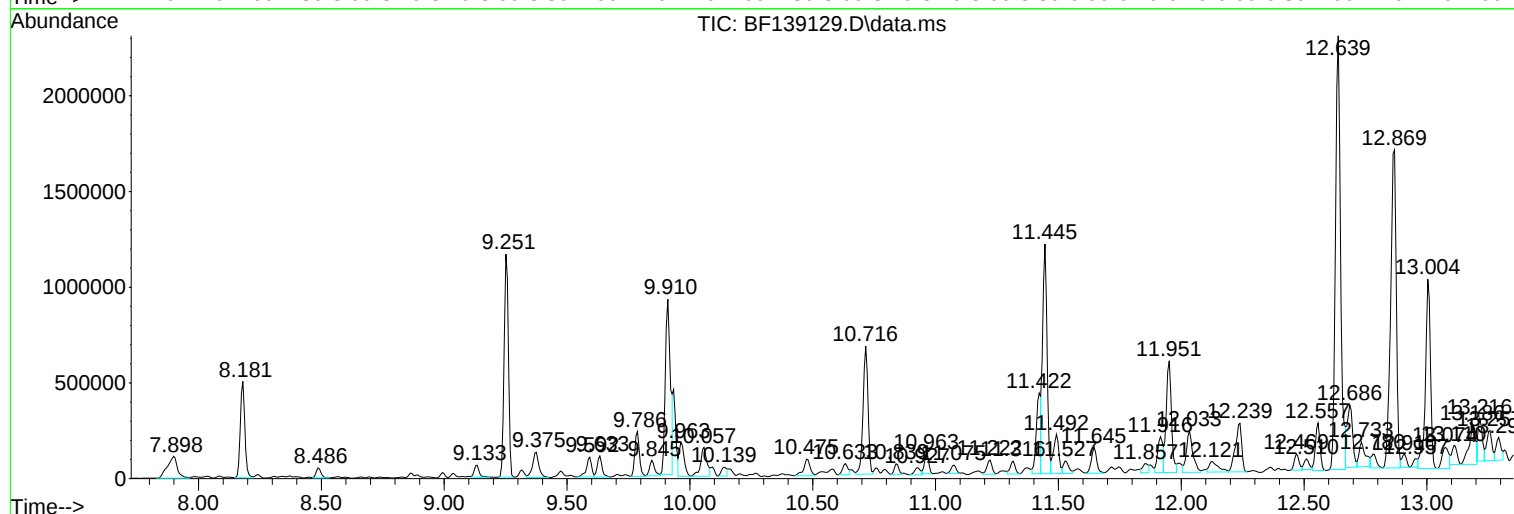
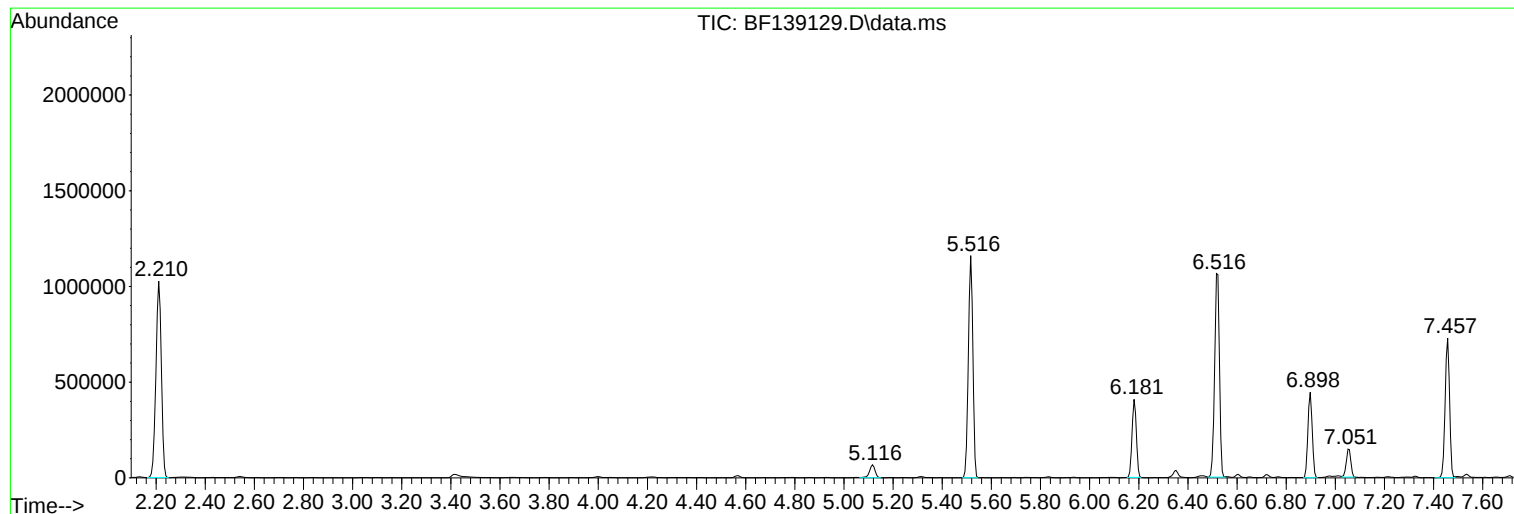
Sum of corrected areas: 55328235

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082224\  
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Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-908-K1-0-0.5-081524

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082024.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\BF082224\  
Data File : BF139129.D  
Acq On : 22 Aug 2024 18:21  
Operator : RC/JU  
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Misc :  
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Instrument :  
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ClientSampleId :  
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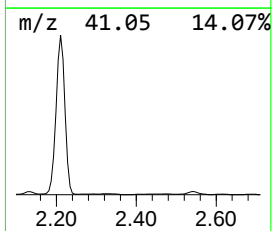
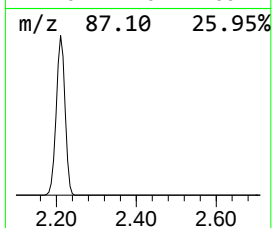
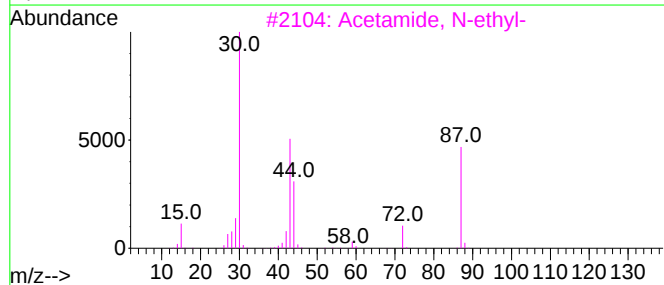
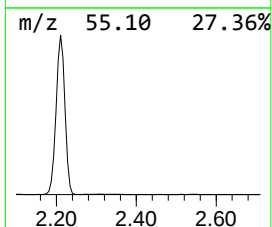
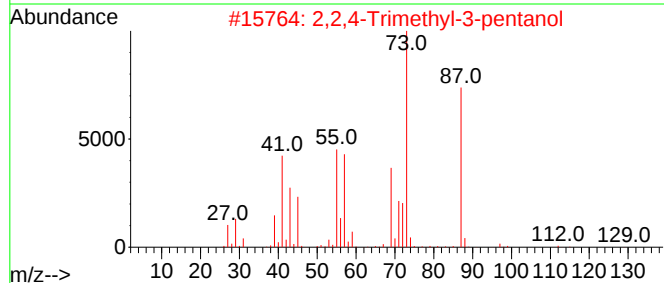
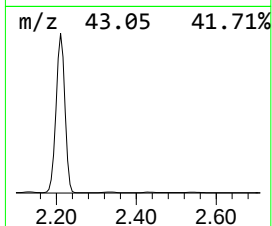
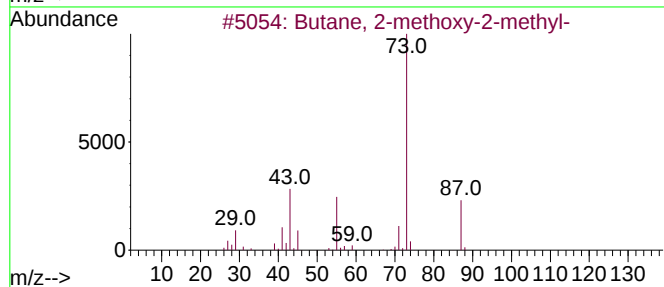
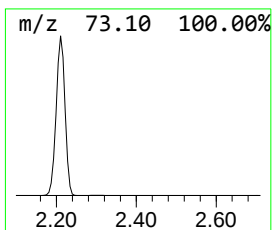
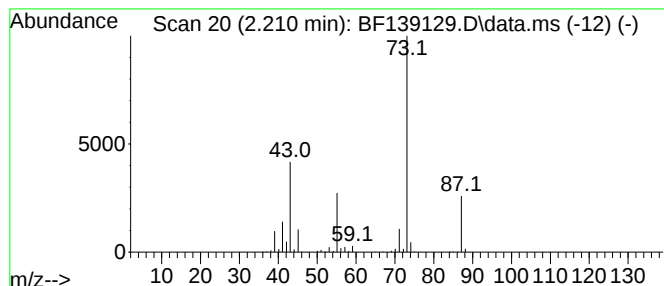
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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 5

| R.T.  | EstConc  | Area    | Relative to ISTD       | R.T.  |
|-------|----------|---------|------------------------|-------|
| 2.210 | 58.47 ng | 1570130 | 1,4-Dichlorobenzene-d4 | 6.898 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm  | CAS#        | Qual |
|------|----|---|----------------------------------|-----|----------|-------------|------|
| 1    |    |   | Butane, 2-methoxy-2-methyl-      | 102 | C6H14O   | 000994-05-8 | 83   |
| 2    |    |   | 2,2,4-Trimethyl-3-pentanol       | 130 | C8H18O   | 005162-48-1 | 39   |
| 3    |    |   | Acetamide, N-ethyl-              | 87  | C4H9NO   | 000625-50-3 | 27   |
| 4    |    |   | Octanal, 7-methoxy-3,7-dimethyl- | 186 | C11H22O2 | 003613-30-7 | 17   |
| 5    |    |   | Pentane, 3-methoxy-              | 102 | C6H14O   | 036839-67-5 | 12   |



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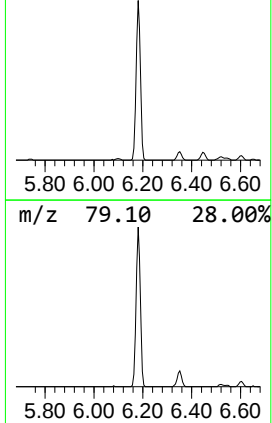
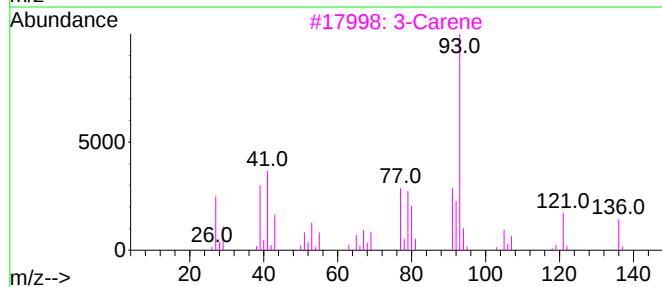
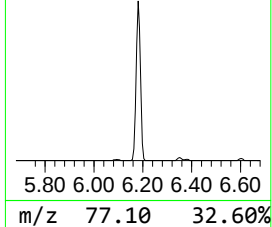
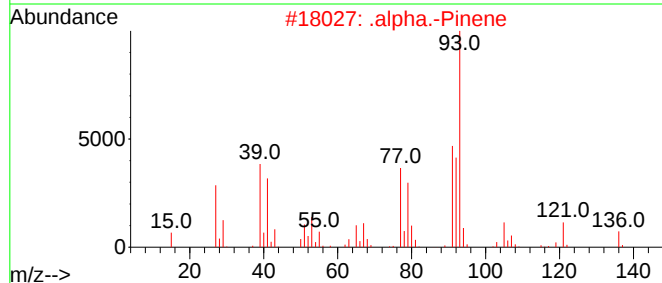
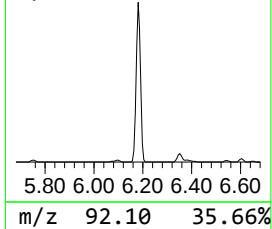
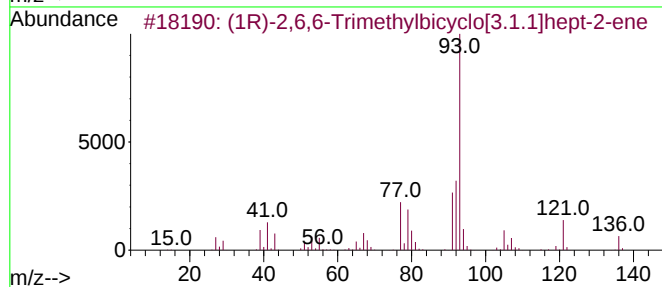
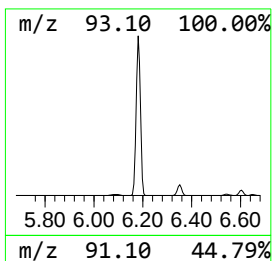
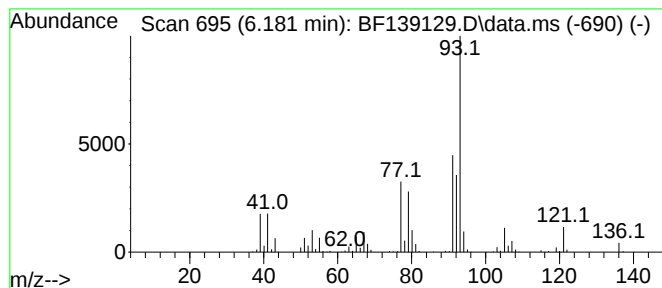
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

\*\*\*\*\*  
Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 19

| R.T.  | EstConc  | Area   | Relative to ISTD       | R.T.  |
|-------|----------|--------|------------------------|-------|
| 6.181 | 18.59 ng | 499334 | 1,4-Dichlorobenzene-d4 | 6.898 |

| Hit# | of | 5 | Tentative ID                                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------------------|-----|---------|-------------|------|
| 1    |    |   | (1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene | 136 | C10H16  | 007785-70-8 | 95   |
| 2    |    |   | .alpha.-Pinene                               | 136 | C10H16  | 000080-56-8 | 95   |
| 3    |    |   | 3-Carene                                     | 136 | C10H16  | 013466-78-9 | 91   |
| 4    |    |   | Tricyclo[2.2.1.0(2,6)]heptane, 1,4-dichloro- | 136 | C10H16  | 000508-32-7 | 91   |
| 5    |    |   | (+)-3-Carene                                 | 136 | C10H16  | 000498-15-7 | 91   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082224\  
Data File : BF139129.D  
Acq On : 22 Aug 2024 18:21  
Operator : RC/JU  
Sample : P3641-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

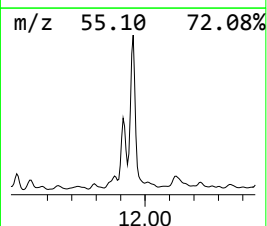
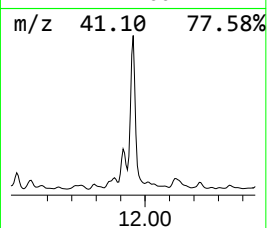
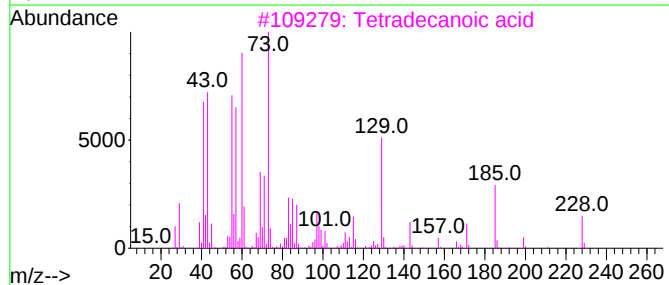
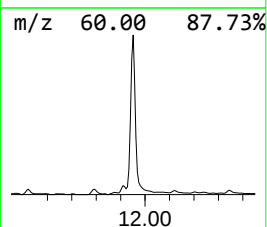
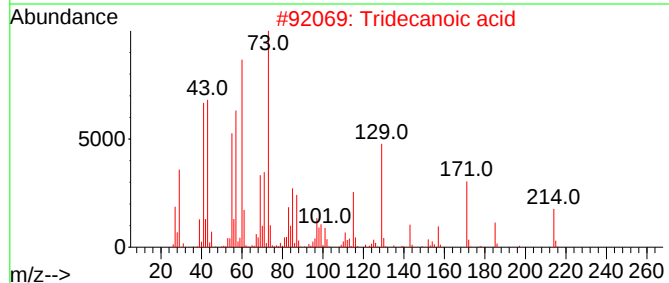
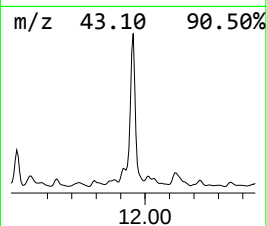
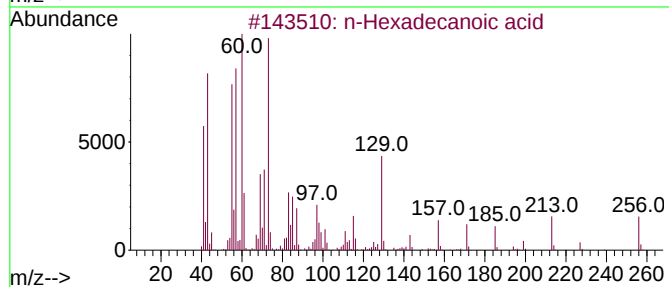
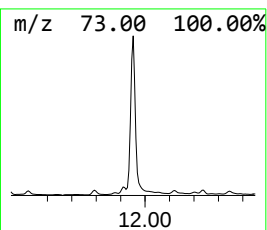
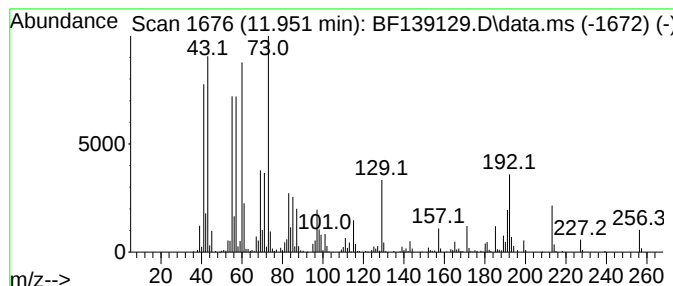
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S-908-K1-0-0.5-081524

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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 n-Hexadecanoic acid Concentration Rank 11

| R.T.      | EstConc             | Area   | Relative to ISTD |          | R.T.        |      |
|-----------|---------------------|--------|------------------|----------|-------------|------|
| 11.951    | 30.17 ng            | 836118 | Phenanthrene-d10 |          | 11.422      |      |
| Hit# of 5 | Tentative ID        |        | MW               | MolForm  | CAS#        | Qual |
| 1         | n-Hexadecanoic acid |        | 256              | C16H32O2 | 000057-10-3 | 99   |
| 2         | Tridecanoic acid    |        | 214              | C13H26O2 | 000638-53-9 | 96   |
| 3         | Tetradecanoic acid  |        | 228              | C14H28O2 | 000544-63-8 | 86   |
| 4         | Pentadecanoic acid  |        | 242              | C15H30O2 | 001002-84-2 | 76   |
| 5         | n-Decanoic acid     |        | 172              | C10H20O2 | 000334-48-5 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082224\  
Data File : BF139129.D  
Acq On : 22 Aug 2024 18:21  
Operator : RC/JU  
Sample : P3641-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-908-K1-0-0.5-081524

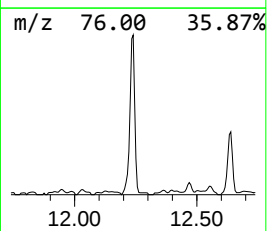
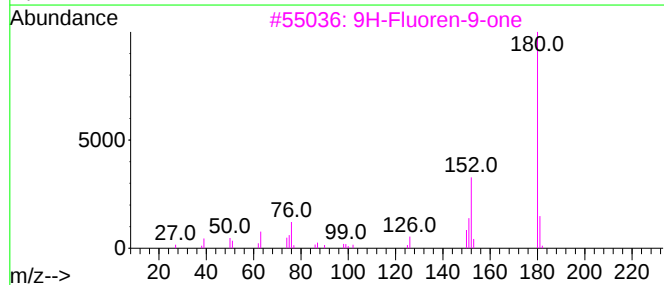
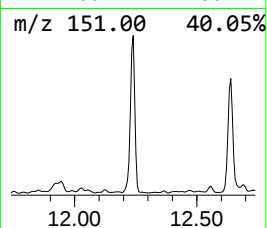
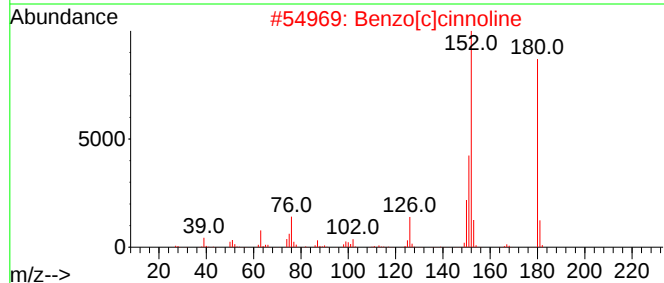
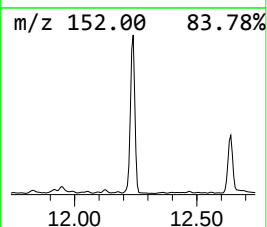
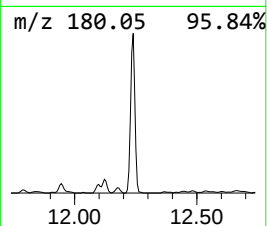
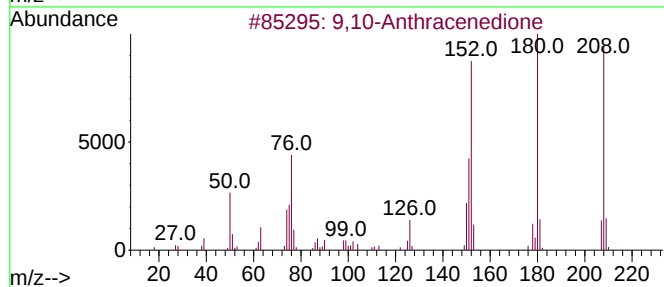
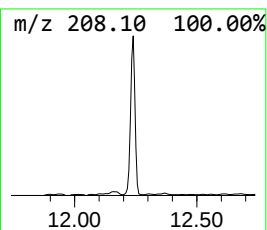
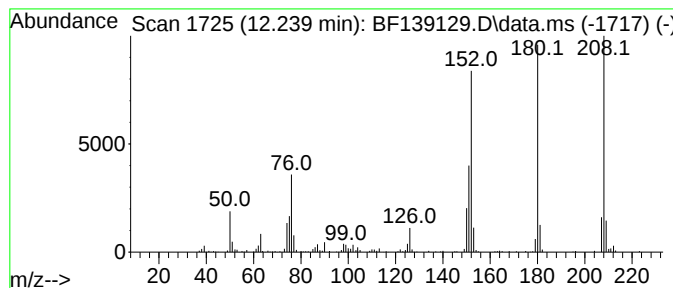
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 4 9,10-Anthracenedione Concentration Rank 20

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 12.239 | 16.38 ng | 454050 | Phenanthrene-d10 | 11.422 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | 9,10-Anthracenedione   | 208 | C14H8O2 | 000084-65-1 | 99   |
| 2    |    |   | Benzo[c]cinnoline      | 180 | C12H8N2 | 000230-17-1 | 93   |
| 3    |    |   | 9H-Fluoren-9-one       | 180 | C13H8O  | 000486-25-9 | 91   |
| 4    |    |   | Benzo[h]cinnoline      | 180 | C12H8N2 | 000230-31-9 | 60   |
| 5    |    |   | 9,10-Phenanthrenedione | 208 | C14H8O2 | 000084-11-7 | 58   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082224\  
Data File : BF139129.D  
Acq On : 22 Aug 2024 18:21  
Operator : RC/JU  
Sample : P3641-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-908-K1-0-0.5-081524

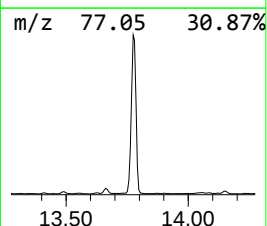
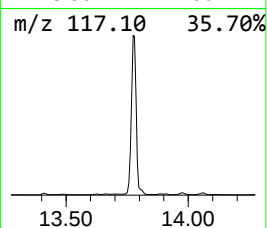
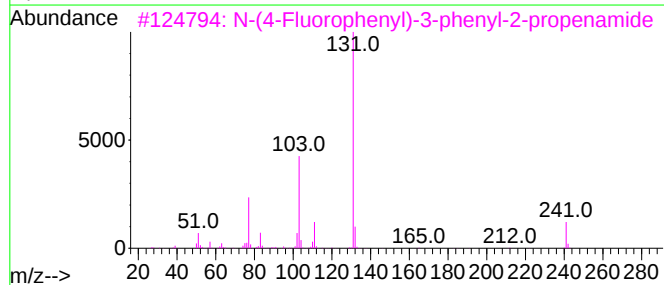
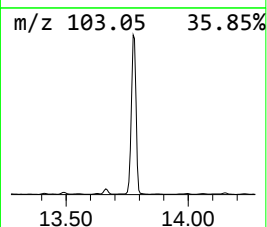
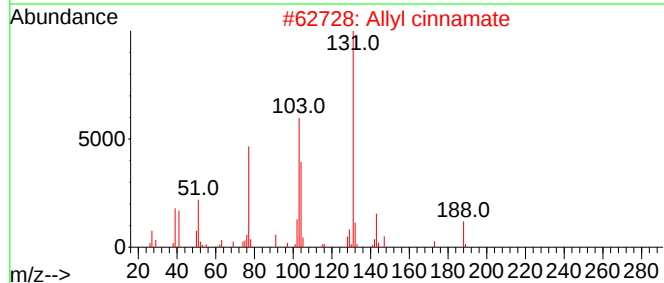
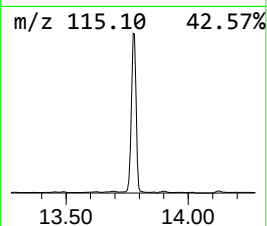
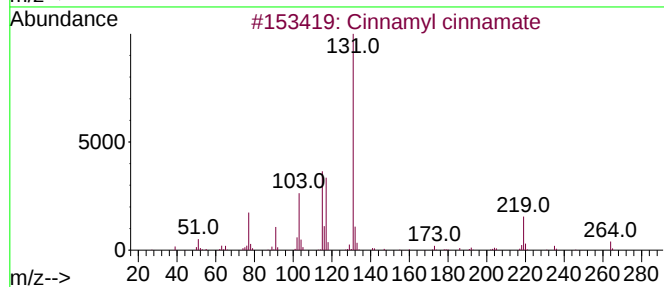
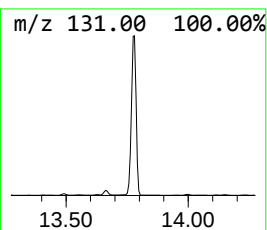
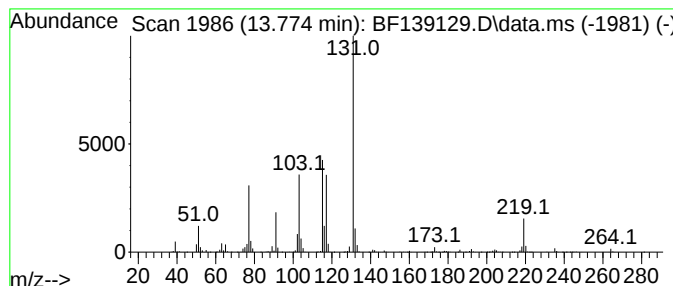
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 5 Cinnamyl cinnamate Concentration Rank 12

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 13.774 | 28.69 ng | 2608220 | Chrysene-d12     | 14.063 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Cinnamyl cinnamate                  | 264 | C18H16O2  | 000122-69-0 | 91   |
| 2    |    |   | Allyl cinnamate                     | 188 | C12H12O2  | 001866-31-5 | 47   |
| 3    |    |   | N-(4-Fluorophenyl)-3-phenyl-2-pr... | 241 | C15H12FNO | 019358-27-1 | 47   |
| 4    |    |   | 2-Propenamide, N-(1-methylethyl)... | 265 | C18H19NO  | 055044-37-6 | 47   |
| 5    |    |   | 2-Propenoic acid, 3-phenyl-, 4-m... | 238 | C16H14O2  | 010519-07-0 | 47   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082224\  
Data File : BF139129.D  
Acq On : 22 Aug 2024 18:21  
Operator : RC/JU  
Sample : P3641-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-908-K1-0-0.5-081524

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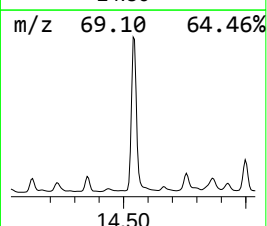
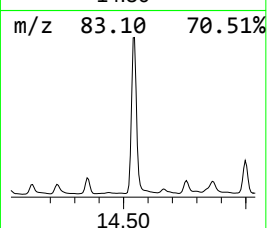
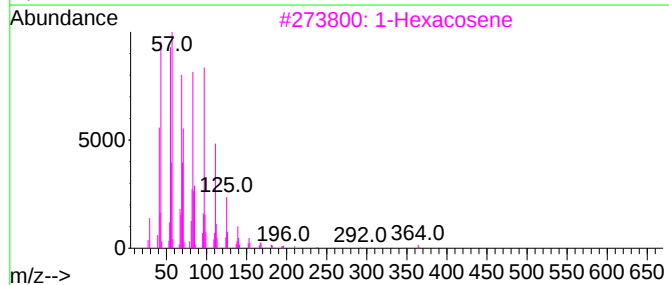
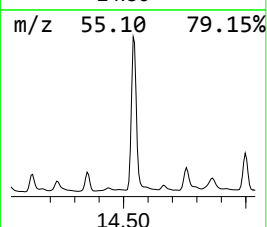
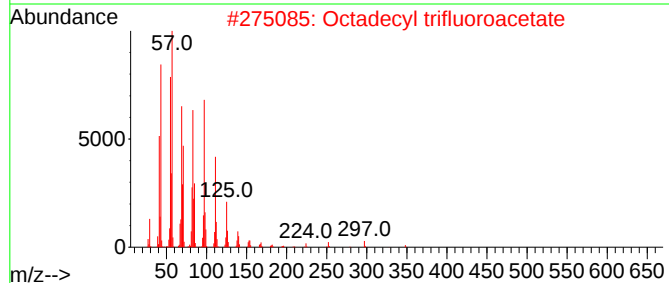
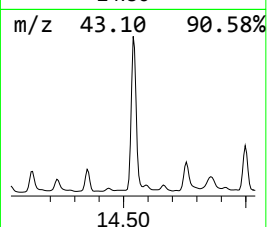
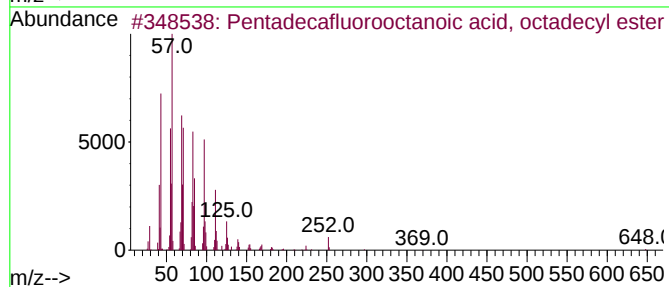
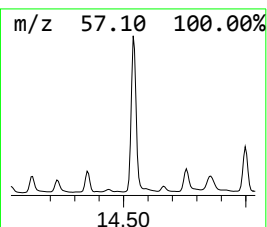
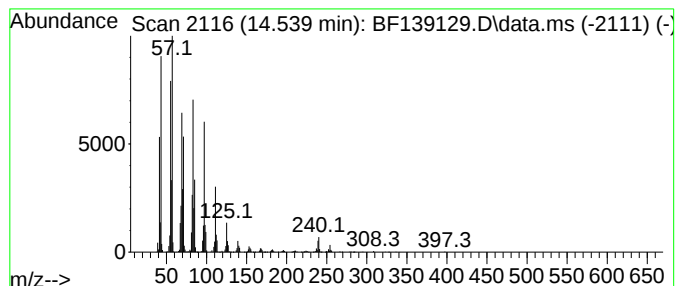
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Pentadecafluorooctanoic aci... Concentration Rank 15

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 14.539 | 23.66 ng | 2151170 | Chrysene-d12     | 14.063 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Pentadecafluorooctanoic acid, oc... | 666 | C26H37F15O2 | 1000406-04-8 | 94   |
| 2    |    |   | Octadecyl trifluoroacetate          | 366 | C20H37F3O2  | 079392-43-1  | 93   |
| 3    |    |   | 1-Hexacosene                        | 364 | C26H52      | 018835-33-1  | 93   |
| 4    |    |   | Heptafluorobutyric acid, n-octad... | 466 | C22H37F7O2  | 000400-57-7  | 93   |
| 5    |    |   | Nonadecyl pentafluoropropionate     | 430 | C22H39F5O2  | 1000351-88-8 | 91   |



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Data File : BF139129.D  
Acq On : 22 Aug 2024 18:21  
Operator : RC/JU  
Sample : P3641-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-908-K1-0-0.5-081524

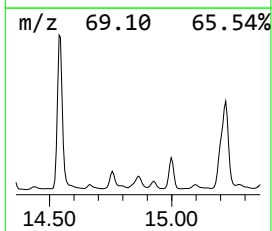
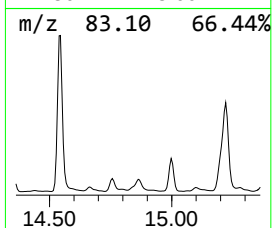
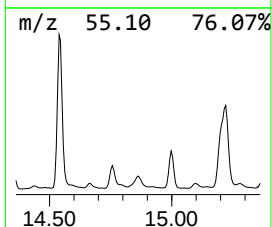
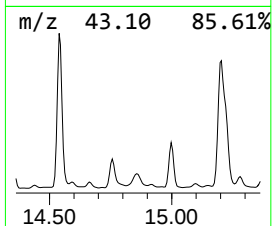
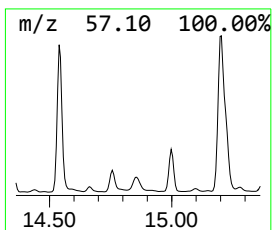
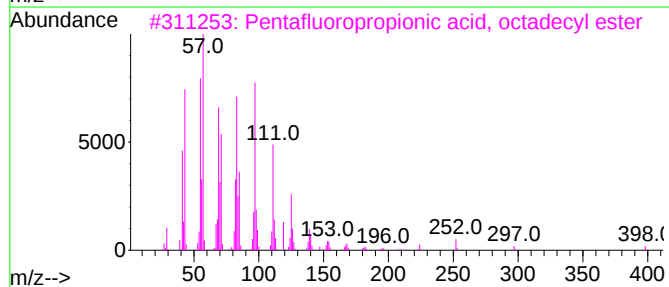
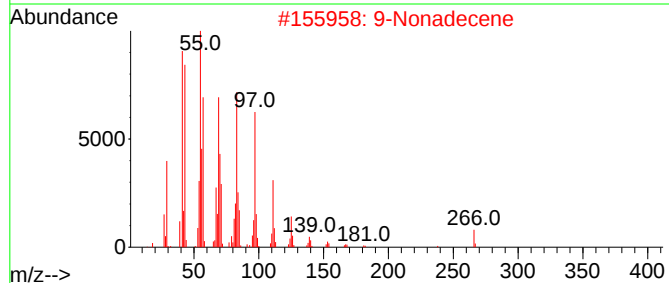
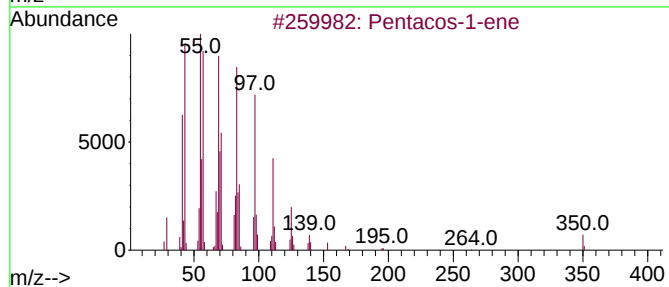
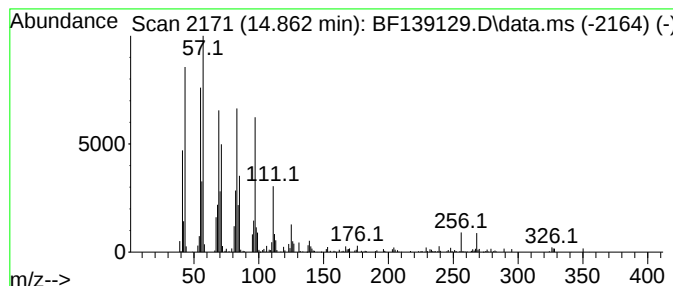
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Pentacos-1-ene Concentration Rank 17

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 14.863    | 19.44 ng                            | 271429 | Perylene-d12     | 15.539       |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Pentacos-1-ene                      | 350    | C25H50           | 016980-85-1  | 93   |
| 2         | 9-Nonadecene                        | 266    | C19H38           | 031035-07-1  | 92   |
| 3         | Pentafluoropropionic acid, octad... | 416    | C21H37F5O2       | 959261-25-7  | 90   |
| 4         | Eicosyl trifluoroacetate            | 394    | C22H41F3O2       | 1000351-75-2 | 90   |
| 5         | 1-Heptacosanol                      | 396    | C27H56O          | 002004-39-9  | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082224\  
Data File : BF139129.D  
Acq On : 22 Aug 2024 18:21  
Operator : RC/JU  
Sample : P3641-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

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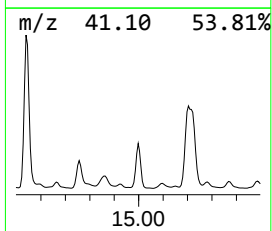
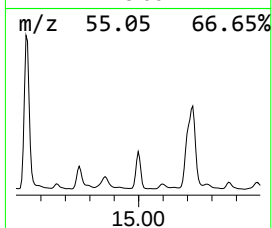
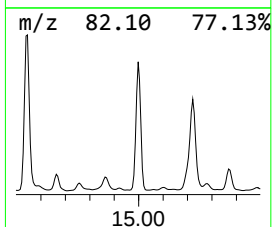
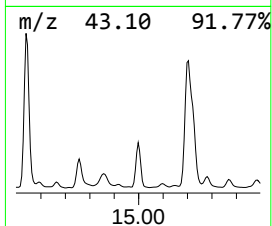
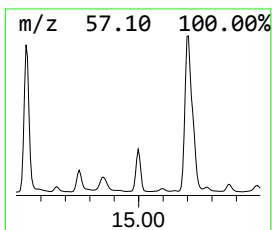
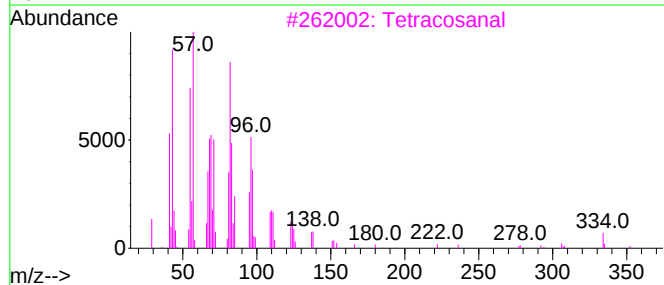
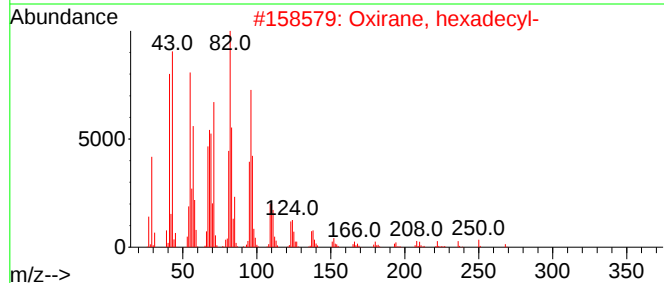
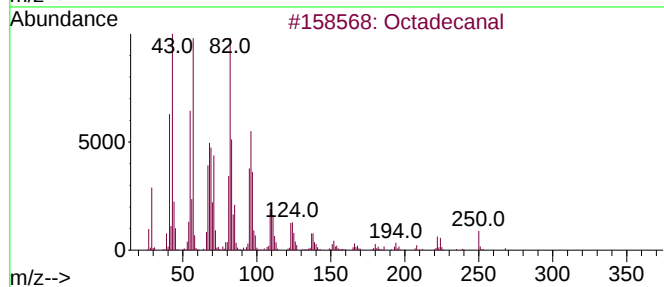
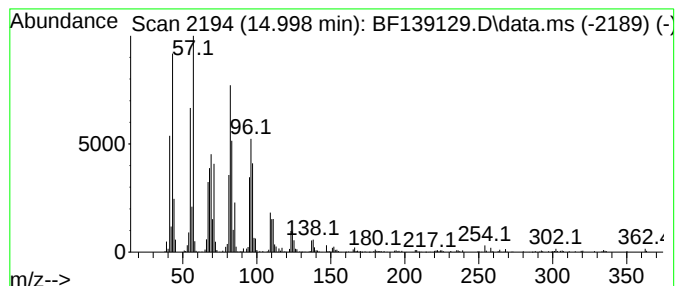
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 8 Octadecanal Concentration Rank 8

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 14.998 | 44.74 ng | 624627 | Perylene-d12     | 15.539 |

| Hit# | of | 5 | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------|-----|---------|-------------|------|
| 1    |    |   | Octadecanal         | 268 | C18H36O | 000638-66-4 | 95   |
| 2    |    |   | Oxirane, hexadecyl- | 268 | C18H36O | 007390-81-0 | 95   |
| 3    |    |   | Tetracosanal        | 352 | C24H48O | 057866-08-7 | 94   |
| 4    |    |   | Hexacosanal         | 380 | C26H52O | 026627-85-0 | 94   |
| 5    |    |   | Eicosanal-          | 296 | C20H40O | 002400-66-0 | 90   |



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Data File : BF139129.D  
Acq On : 22 Aug 2024 18:21  
Operator : RC/JU  
Sample : P3641-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-908-K1-0-0.5-081524

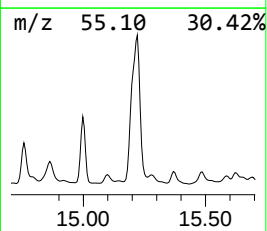
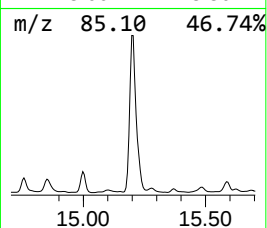
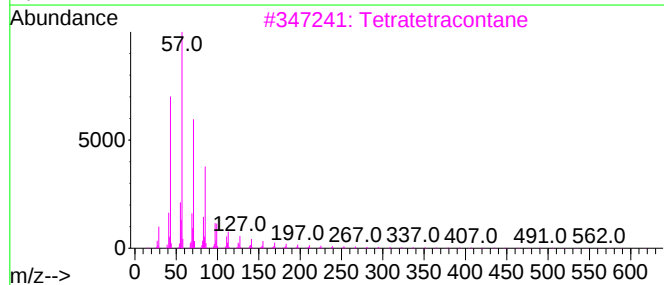
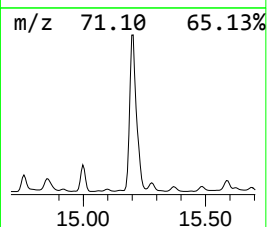
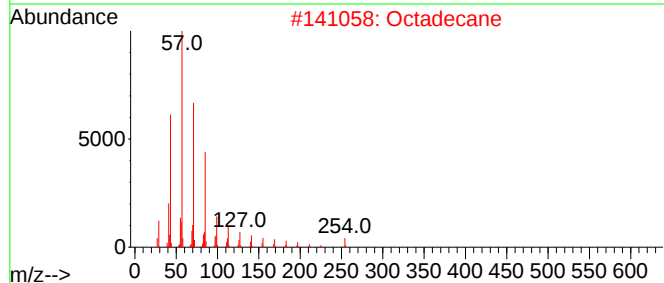
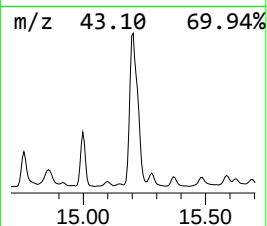
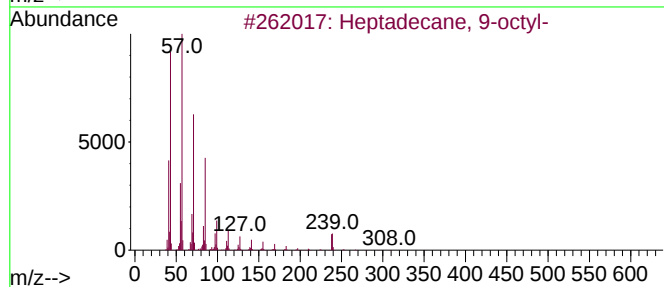
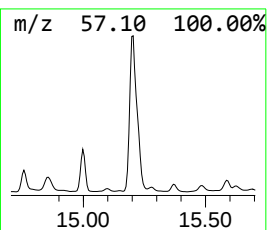
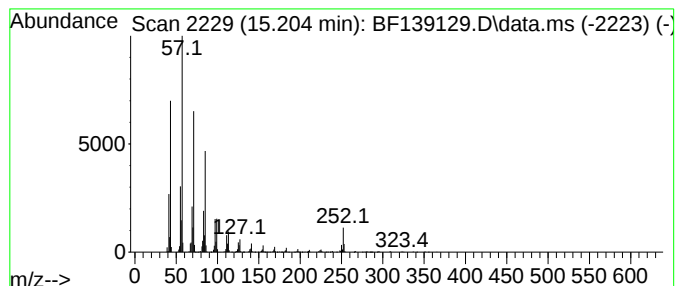
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 9 Heptadecane, 9-octyl- Concentration Rank 1

| R.T.   | EstConc   | Area    | Relative to ISTD | R.T.   |
|--------|-----------|---------|------------------|--------|
| 15.204 | 166.99 ng | 2331390 | Perylene-d12     | 15.539 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Heptadecane, 9-octyl- | 352 | C25H52  | 007225-64-1 | 95   |
| 2    |    |   | Octadecane            | 254 | C18H38  | 000593-45-3 | 94   |
| 3    |    |   | Tetratetracontane     | 619 | C44H90  | 007098-22-8 | 90   |
| 4    |    |   | Tritetracontane       | 605 | C43H88  | 007098-21-7 | 90   |
| 5    |    |   | Octacosane            | 394 | C28H58  | 000630-02-4 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082224\  
Data File : BF139129.D  
Acq On : 22 Aug 2024 18:21  
Operator : RC/JU  
Sample : P3641-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-908-K1-0-0.5-081524

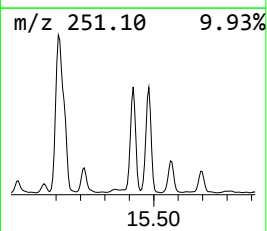
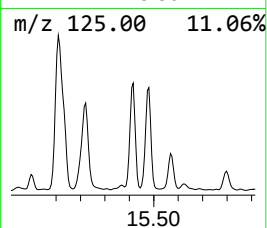
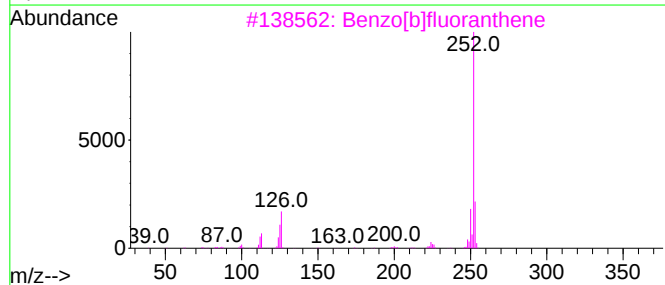
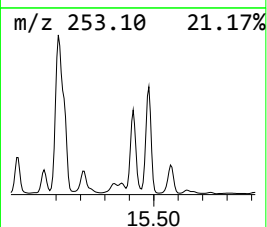
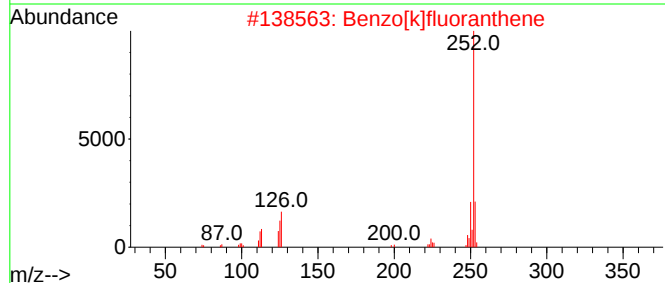
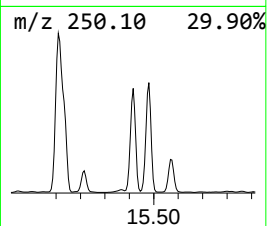
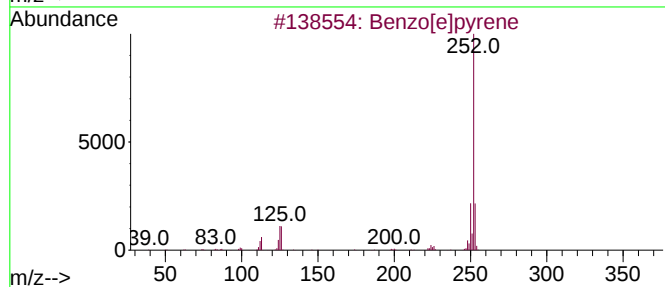
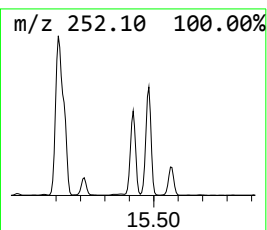
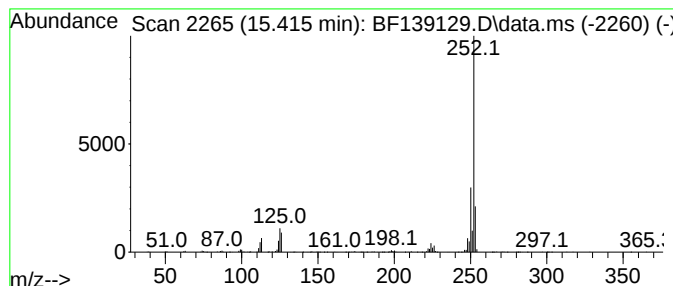
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 10 Benzo[e]pyrene Concentration Rank 10

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 15.415 | 40.63 ng | 567238 | Perylene-d12     | 15.539 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[e]pyrene       | 252 | C20H12  | 000192-97-2 | 94   |
| 2    |    |   | Benzo[k]fluoranthene | 252 | C20H12  | 000207-08-9 | 93   |
| 3    |    |   | Benzo[b]fluoranthene | 252 | C20H12  | 000205-99-2 | 91   |
| 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\BF082224\  
Data File : BF139129.D  
Acq On : 22 Aug 2024 18:21  
Operator : RC/JU  
Sample : P3641-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-908-K1-0-0.5-081524

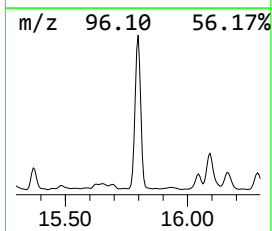
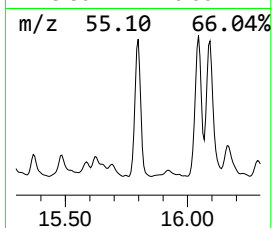
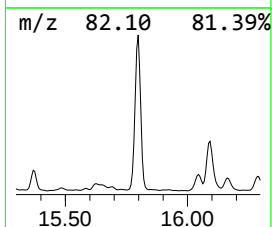
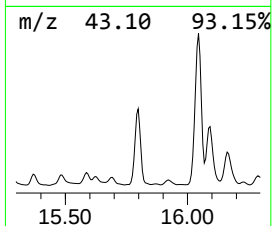
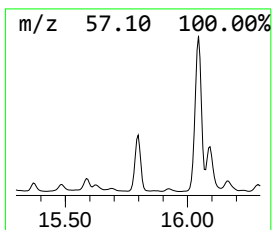
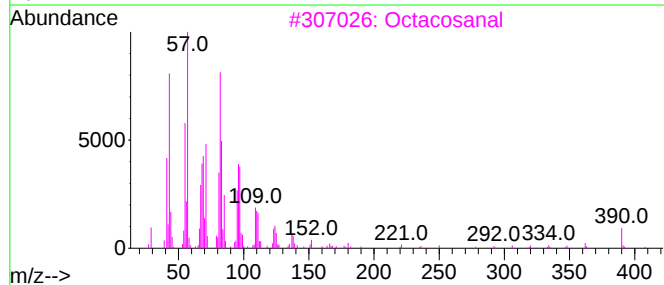
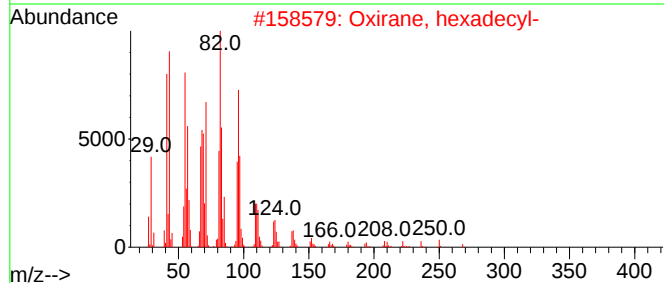
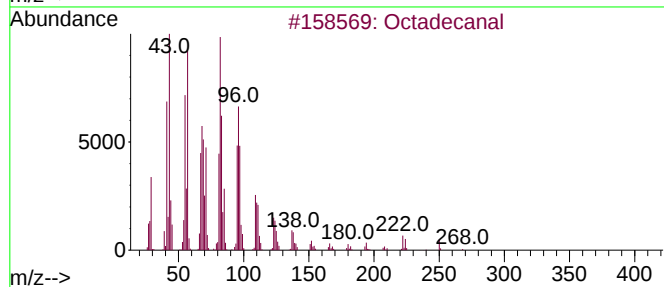
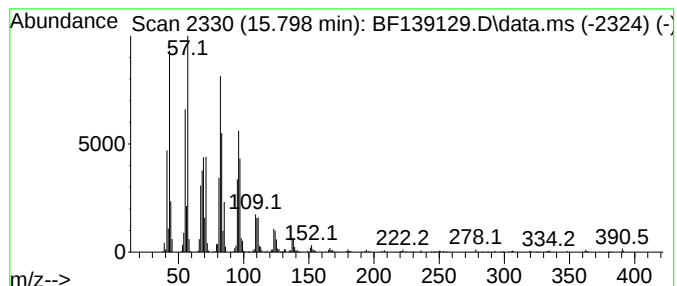
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 11 Oxirane, hexadecyl- Concentration Rank 4

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 15.798 | 62.61 ng | 874127 | Perylene-d12     | 15.539 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Octadecanal          | 268 | C18H36O | 000638-66-4 | 91   |
| 2    |    |   | Oxirane, hexadecyl-  | 268 | C18H36O | 007390-81-0 | 91   |
| 3    |    |   | Octacosanal          | 408 | C28H56O | 022725-64-0 | 90   |
| 4    |    |   | 1,19-Eicosadiene     | 278 | C20H38  | 014811-95-1 | 90   |
| 5    |    |   | Oxirane, heptadecyl- | 282 | C19H38O | 067860-04-2 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082224\  
Data File : BF139129.D  
Acq On : 22 Aug 2024 18:21  
Operator : RC/JU  
Sample : P3641-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-908-K1-0-0.5-081524

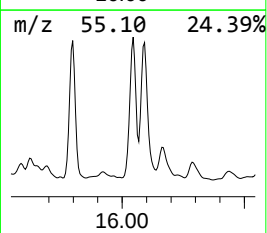
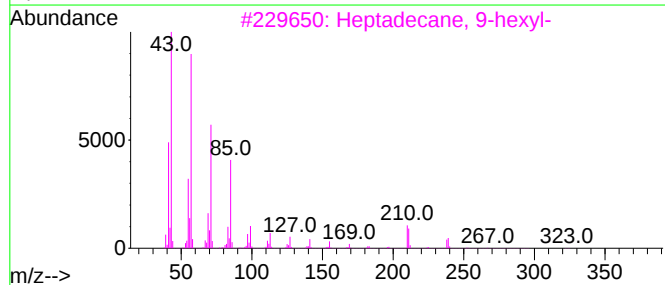
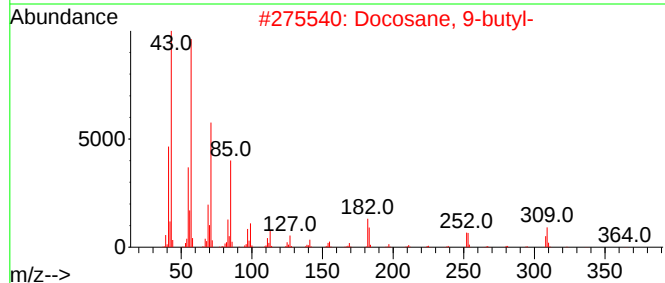
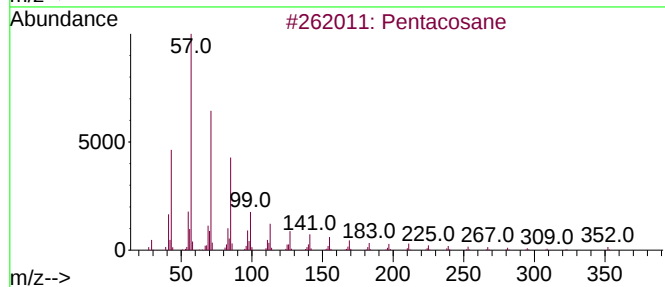
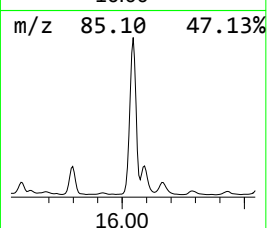
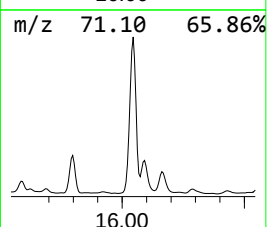
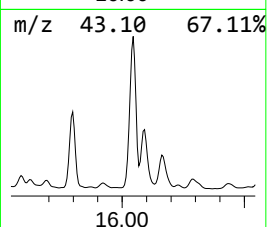
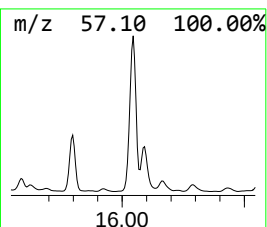
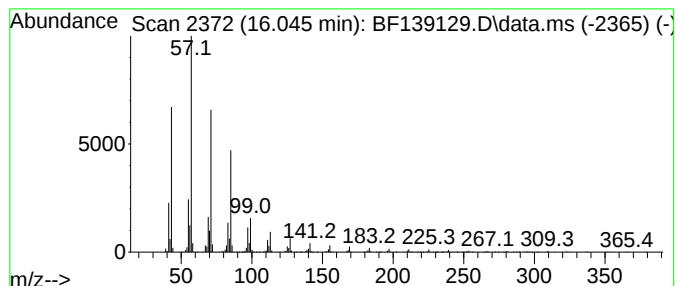
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TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 Pentacosane Concentration Rank 2

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 16.045 | 94.32 ng | 1316820 | Perylene-d12     | 15.539 |

| Hit# | of | 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------|-----|---------|-------------|------|
| 1    |    |   | Pentacosane           | 352 | C25H52  | 000629-99-2 | 97   |
| 2    |    |   | Docosane, 9-butyl-    | 366 | C26H54  | 055282-14-9 | 94   |
| 3    |    |   | Heptadecane, 9-hexyl- | 324 | C23H48  | 055124-79-3 | 94   |
| 4    |    |   | Pentadecane, 8-hexyl- | 296 | C21H44  | 013475-75-7 | 94   |
| 5    |    |   | Eicosane, 10-methyl-  | 296 | C21H44  | 054833-23-7 | 94   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082224\  
Data File : BF139129.D  
Acq On : 22 Aug 2024 18:21  
Operator : RC/JU  
Sample : P3641-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
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S-908-K1-0-0.5-081524

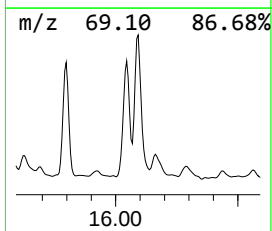
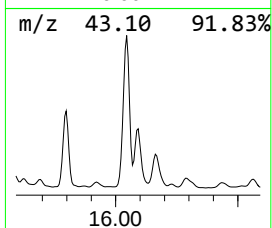
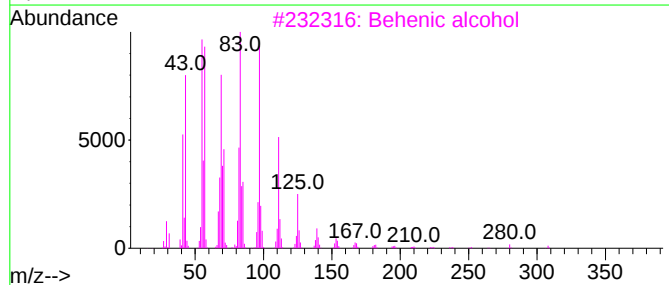
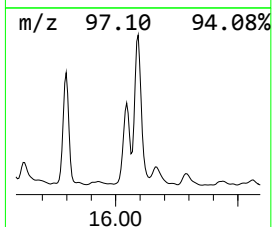
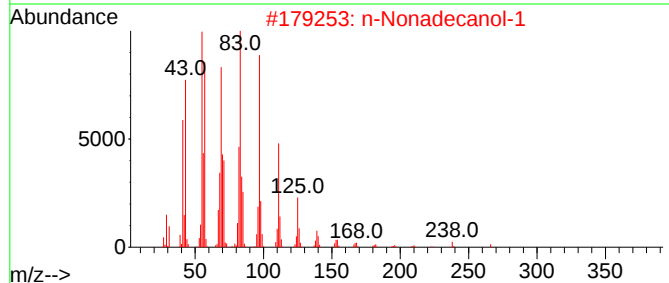
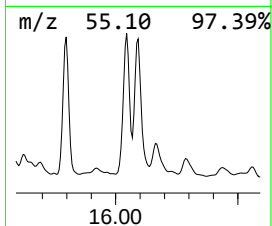
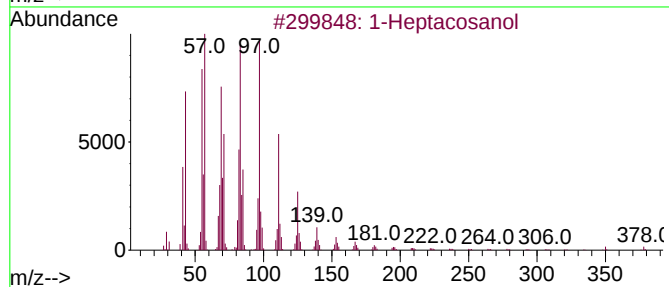
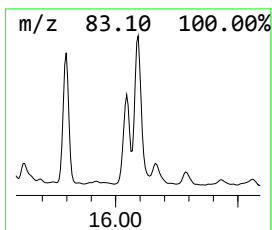
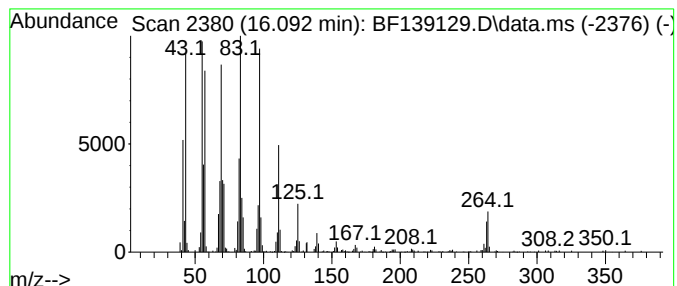
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 13 1-Heptacosanol Concentration Rank 6

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 16.092 | 55.82 ng | 779308 | Perylene-d12     | 15.539 |

| Hit# | of 5 | Tentative ID     | MW  | MolForm | CAS#        | Qual |
|------|------|------------------|-----|---------|-------------|------|
| 1    |      | 1-Heptacosanol   | 396 | C27H56O | 002004-39-9 | 94   |
| 2    |      | n-Nonadecanol-1  | 284 | C19H40O | 001454-84-8 | 93   |
| 3    |      | Behenic alcohol  | 326 | C22H46O | 000661-19-8 | 91   |
| 4    |      | n-Tetracosanol-1 | 354 | C24H50O | 000506-51-4 | 91   |
| 5    |      | 1-Hexacosene     | 364 | C26H52  | 018835-33-1 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082224\  
Data File : BF139129.D  
Acq On : 22 Aug 2024 18:21  
Operator : RC/JU  
Sample : P3641-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

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S-908-K1-0-0.5-081524

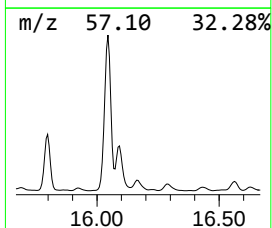
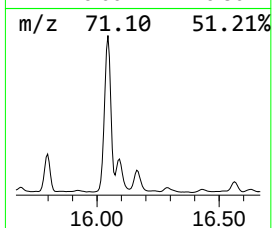
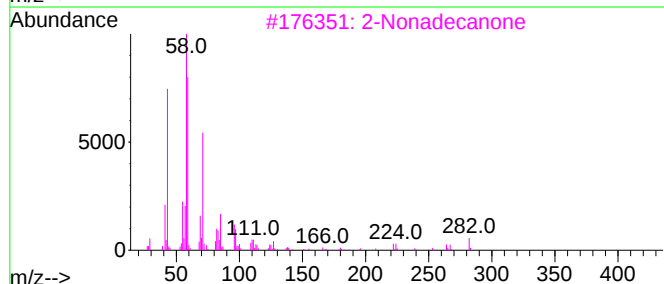
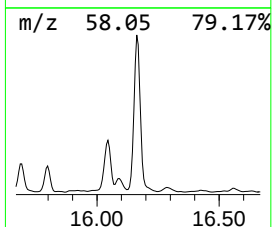
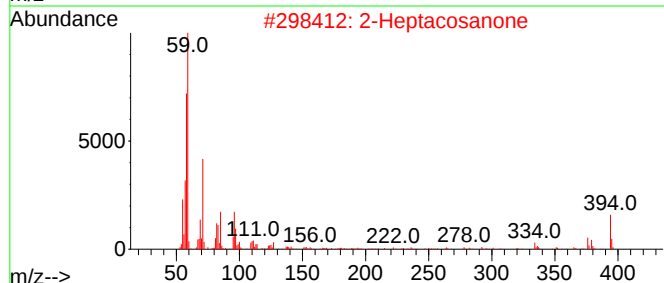
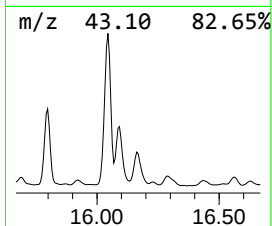
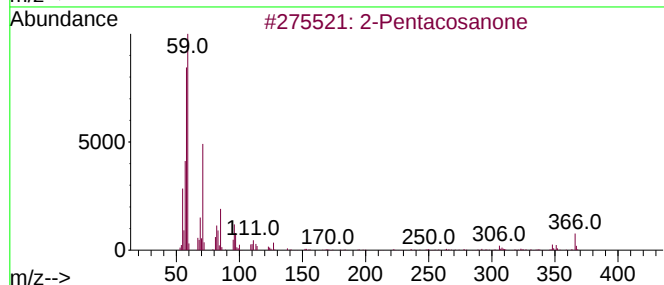
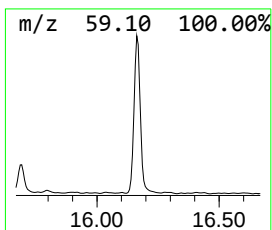
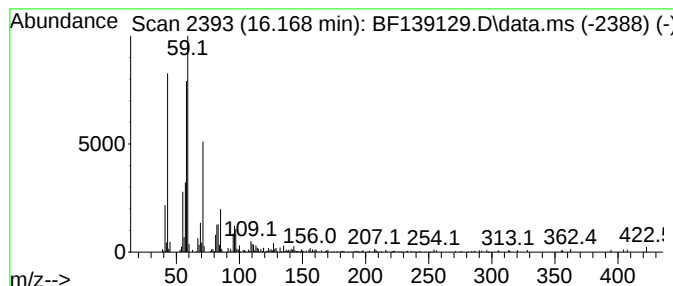
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 14 2-Pentacosanone Concentration Rank 16

| R.T.      | EstConc                | Area   | Relative to ISTD | R.T.        |      |
|-----------|------------------------|--------|------------------|-------------|------|
| 16.168    | 21.91 ng               | 305938 | Perylene-d12     | 15.539      |      |
| Hit# of 5 | Tentative ID           | MW     | MolForm          | CAS#        | Qual |
| 1         | 2-Pentacosanone        | 366    | C25H50O          | 075207-54-4 | 91   |
| 2         | 2-Heptacosanone        | 394    | C27H54O          | 007796-19-2 | 86   |
| 3         | 2-Nonadecanone         | 282    | C19H38O          | 000629-66-3 | 64   |
| 4         | trans-2,3-Epoxy-nonane | 142    | C9H18O           | 056820-01-0 | 55   |
| 5         | 2-Pentadecanone        | 226    | C15H30O          | 002345-28-0 | 52   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082224\  
Data File : BF139129.D  
Acq On : 22 Aug 2024 18:21  
Operator : RC/JU  
Sample : P3641-03  
Misc :  
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Instrument :  
BNA\_F  
ClientSampleId :  
S-908-K1-0-0.5-081524

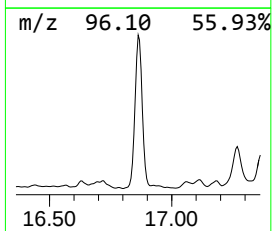
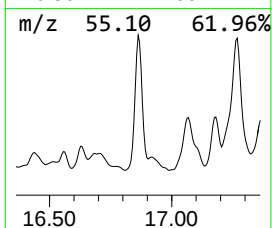
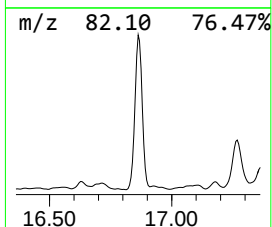
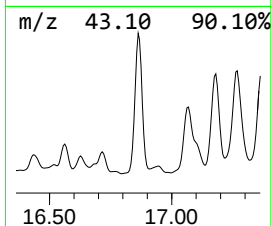
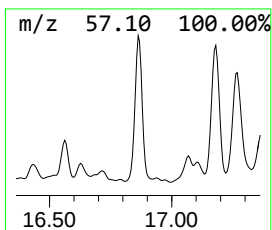
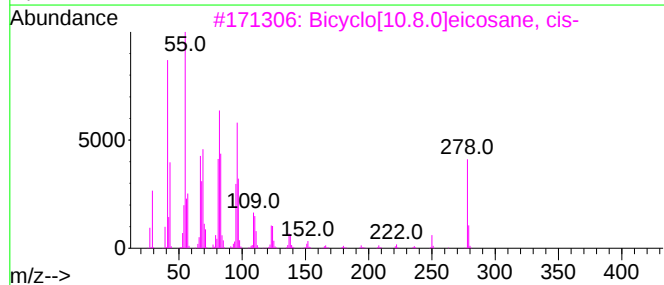
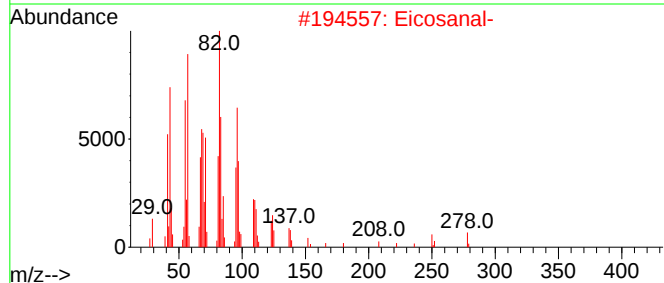
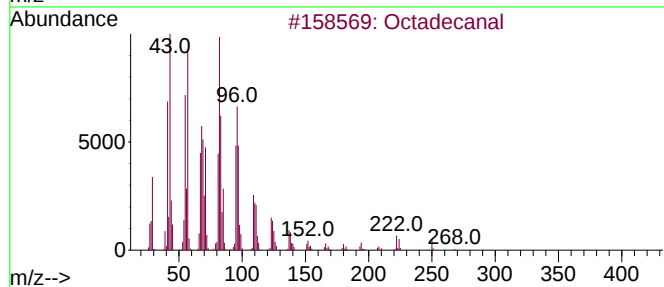
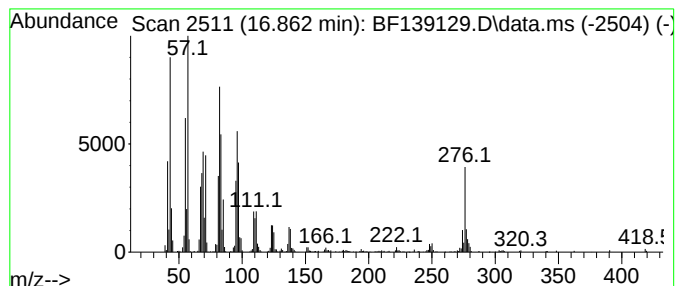
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 15 Eicosanal- Concentration Rank 7

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 16.862 | 54.11 ng | 755389 | Perylene-d12     | 15.539 |

| Hit# | of 5 | Tentative ID                  | MW  | MolForm | CAS#         | Qual |
|------|------|-------------------------------|-----|---------|--------------|------|
| 1    |      | Octadecanal                   | 268 | C18H36O | 000638-66-4  | 95   |
| 2    |      | Eicosanal-                    | 296 | C20H40O | 002400-66-0  | 92   |
| 3    |      | Bicyclo[10.8.0]eicosane, cis- | 278 | C20H38  | 1000155-82-2 | 91   |
| 4    |      | 1,19-Eicosadiene              | 278 | C20H38  | 014811-95-1  | 91   |
| 5    |      | Oxirane, hexadecyl-           | 268 | C18H36O | 007390-81-0  | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082224\  
Data File : BF139129.D  
Acq On : 22 Aug 2024 18:21  
Operator : RC/JU  
Sample : P3641-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-908-K1-0-0.5-081524

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

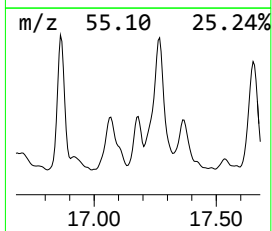
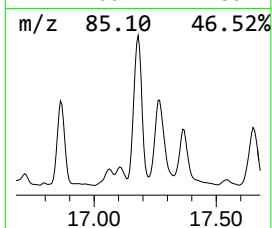
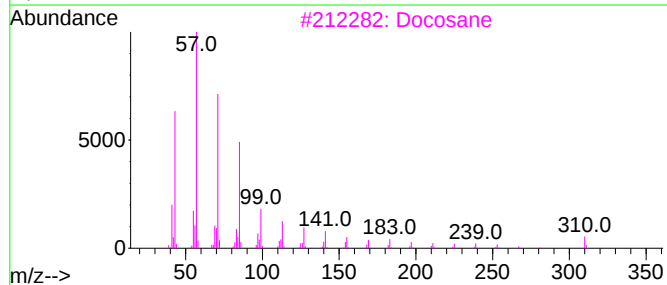
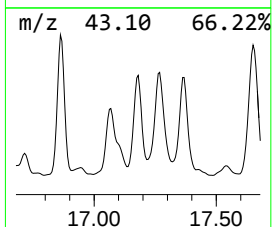
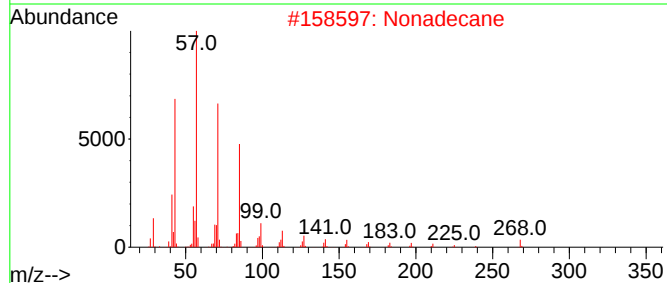
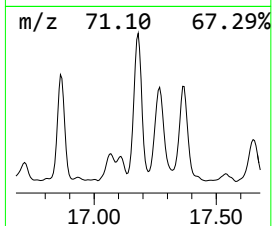
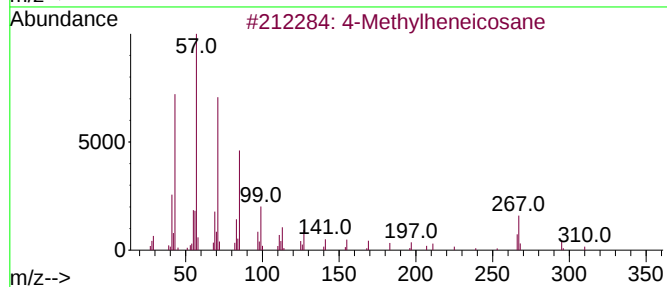
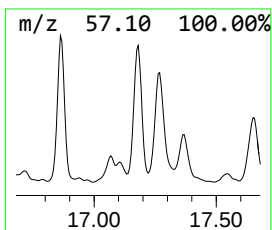
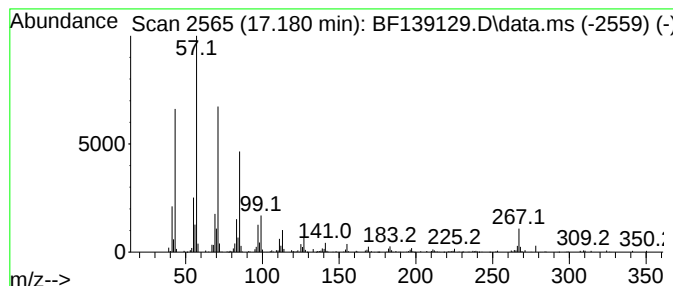
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TIC Integration Parameters: LSCINT.P

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Peak Number 16 4-Methylheneicosane Concentration Rank 14

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 17.180 | 23.84 ng | 332867 | Perylene-d12     | 15.539 |

| Hit# | of 5 | Tentative ID          | MW  | MolForm | CAS#        | Qual |
|------|------|-----------------------|-----|---------|-------------|------|
| 1    |      | 4-Methylheneicosane   | 310 | C22H46  | 025117-29-7 | 97   |
| 2    |      | Nonadecane            | 268 | C19H40  | 000629-92-5 | 96   |
| 3    |      | Docosane              | 310 | C22H46  | 000629-97-0 | 93   |
| 4    |      | Octacosane, 2-methyl- | 408 | C29H60  | 001560-98-1 | 87   |
| 5    |      | Heptacosane           | 380 | C27H56  | 000593-49-7 | 87   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082224\  
Data File : BF139129.D  
Acq On : 22 Aug 2024 18:21  
Operator : RC/JU  
Sample : P3641-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-908-K1-0-0.5-081524

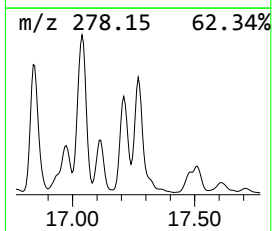
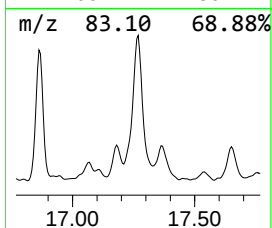
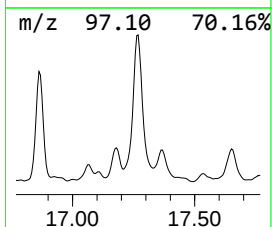
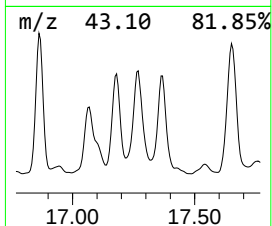
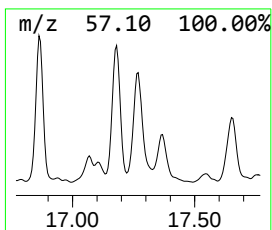
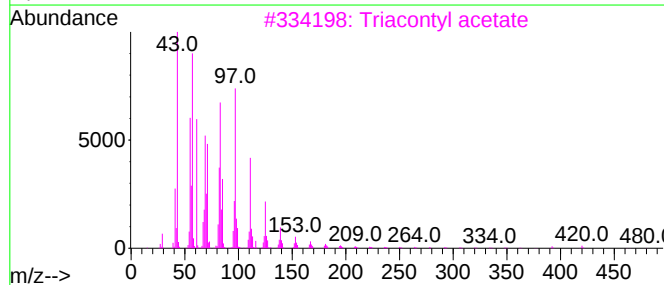
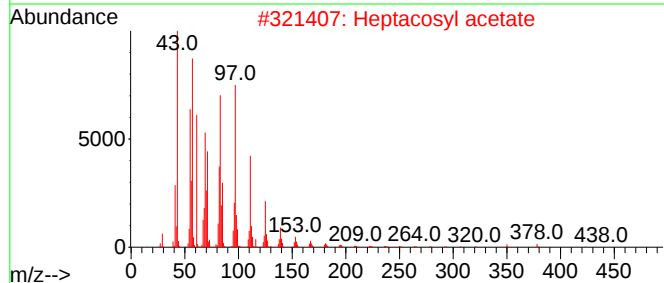
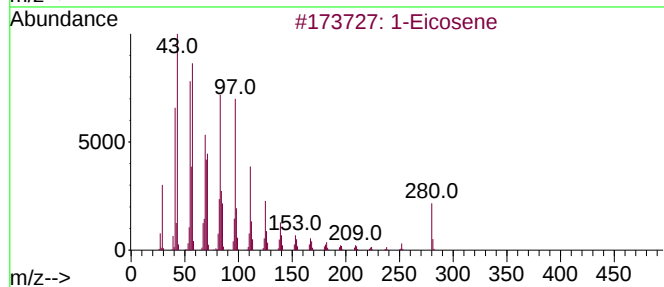
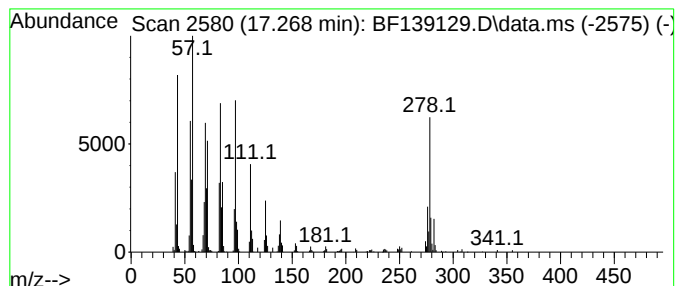
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 17 1-Eicosene Concentration Rank 9

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 17.268 | 40.81 ng | 569745 | Perylene-d12     | 15.539 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm    | CAS#         | Qual |
|------|----|---|--------------------------------|-----|------------|--------------|------|
| 1    |    |   | 1-Eicosene                     | 280 | C20H40     | 003452-07-1  | 95   |
| 2    |    |   | Heptacosyl acetate             | 438 | C29H58O2   | 1000351-78-2 | 90   |
| 3    |    |   | Triacosyl acetate              | 480 | C32H64O2   | 041755-58-2  | 90   |
| 4    |    |   | Heneicosyl heptafluorobutyrate | 508 | C25H43F7O2 | 1000351-83-8 | 90   |
| 5    |    |   | Tricosyl trifluoroacetate      | 436 | C25H47F3O2 | 1000351-75-1 | 90   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082224\  
Data File : BF139129.D  
Acq On : 22 Aug 2024 18:21  
Operator : RC/JU  
Sample : P3641-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-908-K1-0-0.5-081524

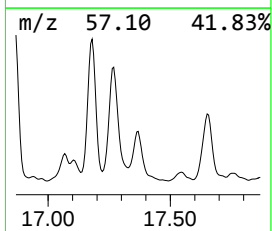
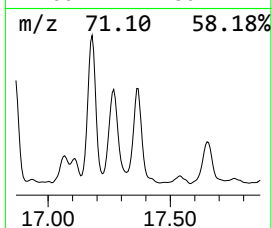
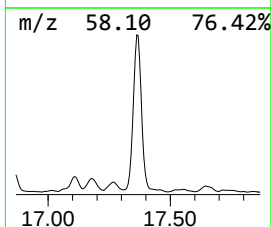
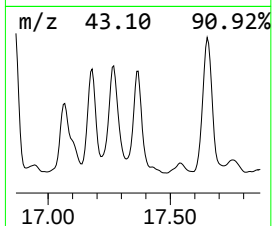
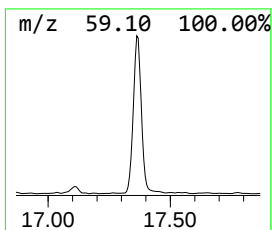
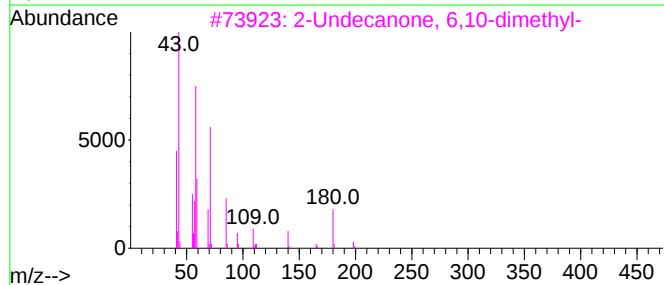
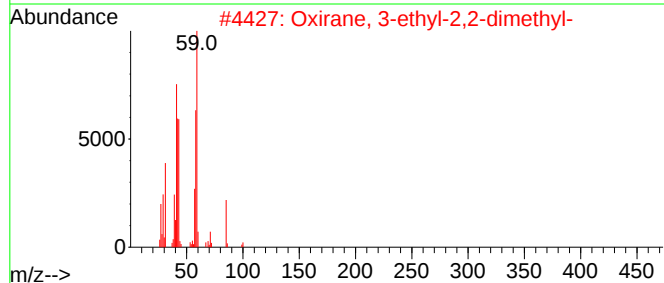
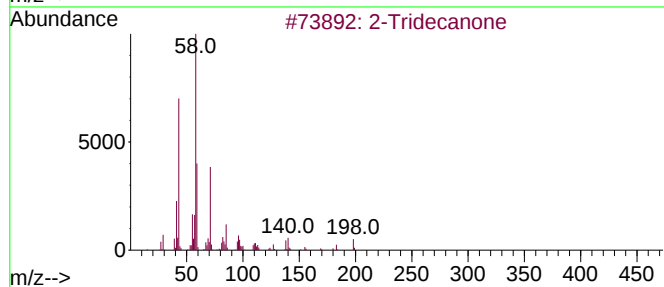
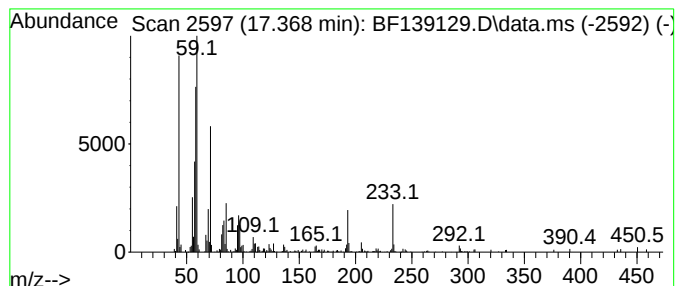
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 18 unknown17.368 Concentration Rank 13

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 17.368 | 27.36 ng | 381977 | Perylene-d12     | 15.539 |

| Hit# | of                             | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|--------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 2-Tridecanone                  |   |              | 198 | C13H26O | 000593-08-8 | 47   |
| 2    | Oxirane, 3-ethyl-2,2-dimethyl- |   |              | 100 | C6H12O  | 001192-22-9 | 47   |
| 3    | 2-Undecanone, 6,10-dimethyl-   |   |              | 198 | C13H26O | 001604-34-8 | 47   |
| 4    | 2-Propanone, 1-cyclohexyl-     |   |              | 140 | C9H16O  | 000103-78-6 | 47   |
| 5    | 2-Pentacosanone                |   |              | 366 | C25H50O | 075207-54-4 | 43   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082224\  
Data File : BF139129.D  
Acq On : 22 Aug 2024 18:21  
Operator : RC/JU  
Sample : P3641-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-908-K1-0-0.5-081524

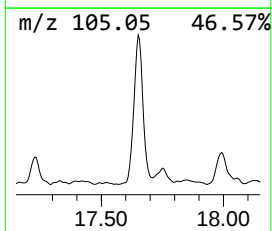
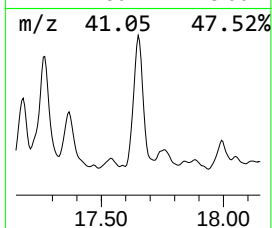
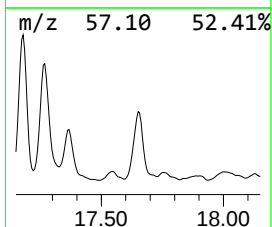
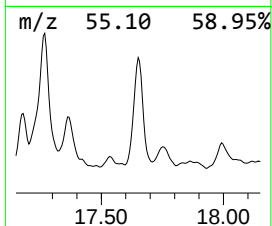
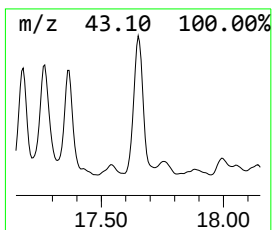
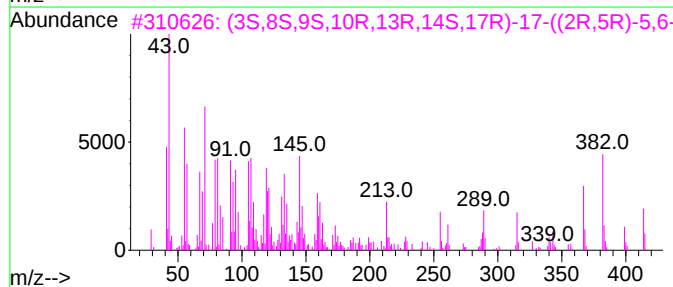
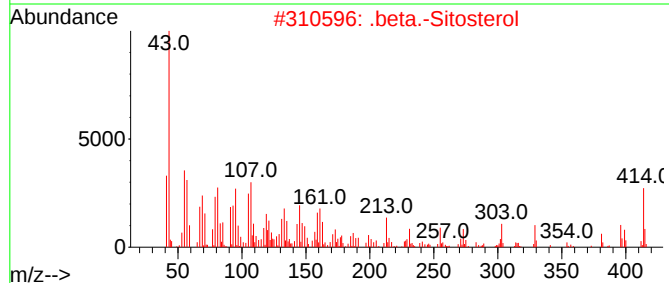
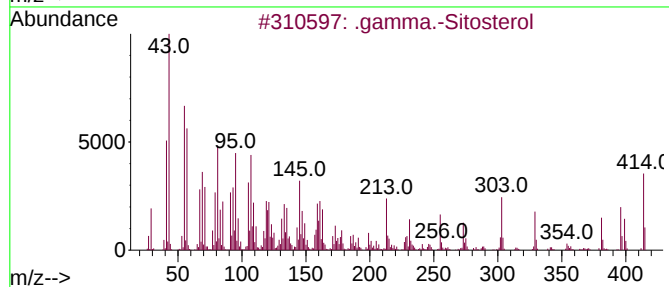
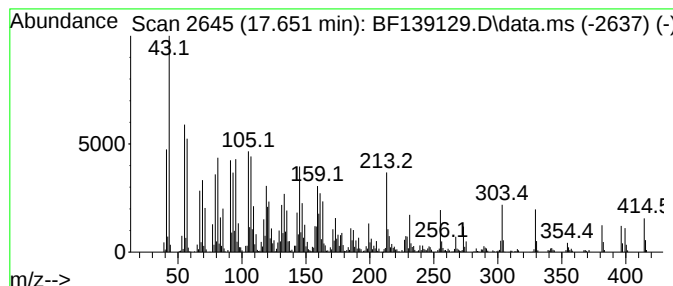
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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Peak Number 19 .gamma.-Sitosterol Concentration Rank 3

| R.T.   | EstConc  | Area    | Relative to ISTD | R.T.   |
|--------|----------|---------|------------------|--------|
| 17.651 | 90.34 ng | 1261240 | Perylene-d12     | 15.539 |

| Hit# | of                                         | 5                        | Tentative ID | MW          | MolForm     | CAS# | Qual |
|------|--------------------------------------------|--------------------------|--------------|-------------|-------------|------|------|
| 1    | .                                          | gamma.-Sitosterol        | 414          | C29H50O     | 000083-47-6 | 99   |      |
| 2    | .                                          | beta.-Sitosterol         | 414          | C29H50O     | 000083-46-5 | 98   |      |
| 3    | (3S,8S,9S,10R,13R,14S,17R)-17-((2R,5R)-5,6 | 414                      | C29H50O      | 029365-29-5 | 50          |      |      |
| 4    | .                                          | beta.-Sitosterol acetate | 456          | C31H52O2    | 000915-05-9 | 49   |      |
| 5    | Campesterol                                | 400                      | C28H48O      | 000474-62-4 | 46          |      |      |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082224\  
Data File : BF139129.D  
Acq On : 22 Aug 2024 18:21  
Operator : RC/JU  
Sample : P3641-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-908-K1-0-0.5-081524

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082024.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

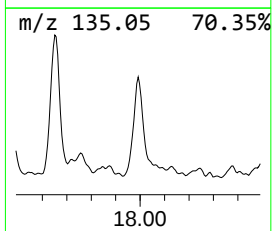
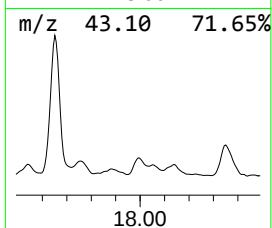
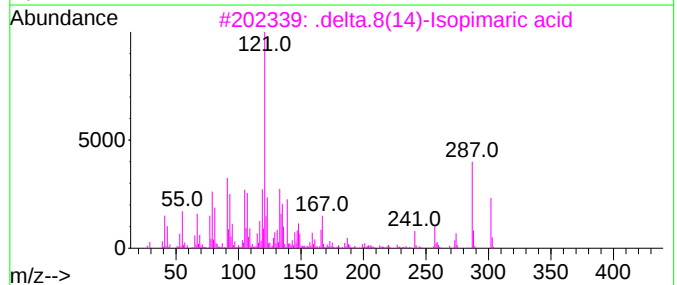
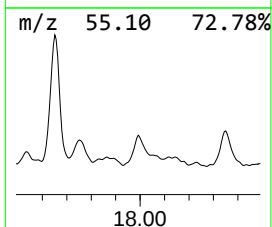
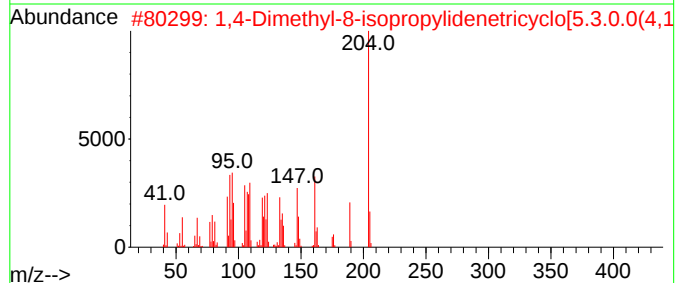
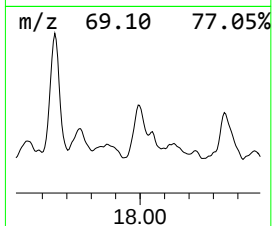
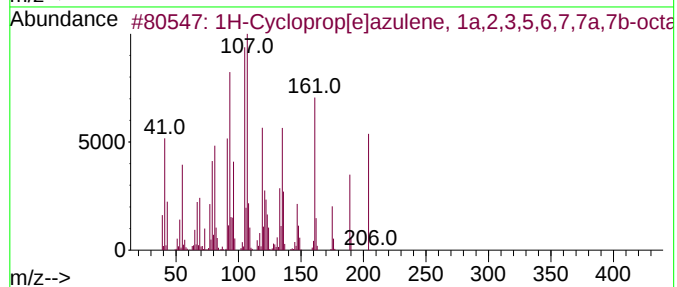
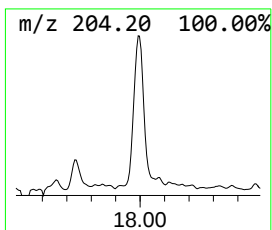
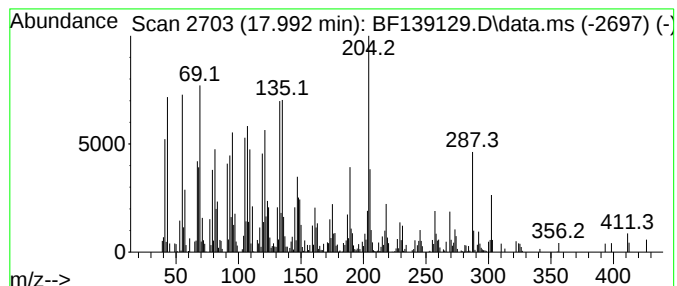
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 1H-Cycloprop[e]azulene, 1a,... Concentration Rank 18

| R.T.   | EstConc  | Area   | Relative to ISTD | R.T.   |
|--------|----------|--------|------------------|--------|
| 17.992 | 19.40 ng | 270814 | Perylene-d12     | 15.539 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | 1H-Cycloprop[e]azulene, 1a,2,3,5... | 204 | C15H24   | 021747-46-6  | 64   |
| 2    |    |   | 1,4-Dimethyl-8-isopropylidenetri... | 204 | C15H24   | 1010140-07-7 | 60   |
| 3    |    |   | .delta.8(14)-Isopimaric acid        | 302 | C20H30O2 | 000471-74-9  | 47   |
| 4    |    |   | 1H-3a,7-Methanoazulene, octahydr... | 204 | C15H24   | 000508-55-4  | 43   |
| 5    |    |   | Dihydrotachysterol                  | 398 | C28H46O  | 000067-96-9  | 42   |



Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082224\  
Data File : BF139129.D  
Acq On : 22 Aug 2024 18:21  
Operator : RC/JU  
Sample : P3641-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
S-908-K1-0-0.5-081524

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF082024.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... | 2.210  | 58.5    | ng    | 1570130  | 1                     | 6.898  | 537108  | 20.0 |
| (1R)-2,6,6-Trim... | 6.181  | 18.6    | ng    | 499334   | 1                     | 6.898  | 537108  | 20.0 |
| n-Hexadecanoic ... | 11.951 | 30.2    | ng    | 836118   | 4                     | 11.422 | 554292  | 20.0 |
| 9,10-Anthracene... | 12.239 | 16.4    | ng    | 454050   | 4                     | 11.422 | 554292  | 20.0 |
| Cinnamyl cinnamate | 13.774 | 28.7    | ng    | 2608220  | 5                     | 14.063 | 1818480 | 20.0 |
| Pentadecafluoro... | 14.539 | 23.7    | ng    | 2151170  | 5                     | 14.063 | 1818480 | 20.0 |
| Pentacos-1-ene     | 14.863 | 19.4    | ng    | 271429   | 6                     | 15.539 | 279219  | 20.0 |
| Octadecanal        | 14.998 | 44.7    | ng    | 624627   | 6                     | 15.539 | 279219  | 20.0 |
| Heptadecane, 9-... | 15.204 | 167.0   | ng    | 2331390  | 6                     | 15.539 | 279219  | 20.0 |
| Benzo[e]pyrene     | 15.415 | 40.6    | ng    | 567238   | 6                     | 15.539 | 279219  | 20.0 |
| Oxirane, hexade... | 15.798 | 62.6    | ng    | 874127   | 6                     | 15.539 | 279219  | 20.0 |
| Pentacosane        | 16.045 | 94.3    | ng    | 1316820  | 6                     | 15.539 | 279219  | 20.0 |
| 1-Heptacosanol     | 16.092 | 55.8    | ng    | 779308   | 6                     | 15.539 | 279219  | 20.0 |
| 2-Pentacosanone    | 16.168 | 21.9    | ng    | 305938   | 6                     | 15.539 | 279219  | 20.0 |
| Eicosanal-         | 16.862 | 54.1    | ng    | 755389   | 6                     | 15.539 | 279219  | 20.0 |
| 4-Methylheneico... | 17.180 | 23.8    | ng    | 332867   | 6                     | 15.539 | 279219  | 20.0 |
| 1-Eicosene         | 17.268 | 40.8    | ng    | 569745   | 6                     | 15.539 | 279219  | 20.0 |
| unknown17.368      | 17.368 | 27.4    | ng    | 381977   | 6                     | 15.539 | 279219  | 20.0 |
| .gamma.-Sitosterol | 17.651 | 90.3    | ng    | 1261240  | 6                     | 15.539 | 279219  | 20.0 |
| 1H-Cycloprop[e]... | 17.992 | 19.4    | ng    | 270814   | 6                     | 15.539 | 279219  | 20.0 |