

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060921\  
 Data File : BF124223.D  
 Acq On : 9 Jun 2021 23:13  
 Operator : JU/CG  
 Sample : M2589-07 10X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 18-B9(0-2)

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-BF060321.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124223.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 4.422       | 394           | 397         | 401          | rBB2     | 11303          | 13263         | 4.54%           | 0.647%        |
| 2         | 5.045       | 499           | 503         | 509          | rBB2     | 29456          | 31098         | 10.65%          | 1.518%        |
| 3         | 5.475       | 574           | 576         | 582          | rBB      | 18751          | 17836         | 6.11%           | 0.870%        |
| 4         | 6.492       | 746           | 749         | 756          | rBB      | 38435          | 36733         | 12.58%          | 1.793%        |
| 5         | 6.681       | 778           | 781         | 784          | rBB2     | 3695           | 3483          | 1.19%           | 0.170%        |
| 6         | 6.845       | 806           | 809         | 813          | rBV      | 251122         | 218395        | 74.82%          | 10.658%       |
| 7         | 7.404       | 902           | 904         | 908          | rBV      | 37764          | 33541         | 11.49%          | 1.637%        |
| 8         | 8.133       | 1024          | 1028        | 1031         | rBV      | 337519         | 269123        | 92.20%          | 13.133%       |
| 9         | 9.204       | 1207          | 1210        | 1215         | rBB      | 79084          | 57652         | 19.75%          | 2.813%        |
| 10        | 9.886       | 1323          | 1326        | 1330         | rVB      | 366319         | 291883        | 100.00%         | 14.244%       |
| 11        | 10.674      | 1458          | 1460        | 1463         | rBV      | 4841           | 3884          | 1.33%           | 0.190%        |
| 12        | 11.374      | 1575          | 1579        | 1582         | rBV      | 325730         | 250991        | 85.99%          | 12.249%       |
| 13        | 11.398      | 1582          | 1583        | 1586         | rVB      | 11362          | 5778          | 1.98%           | 0.282%        |
| 14        | 11.663      | 1624          | 1628        | 1631         | rBV      | 2822           | 4057          | 1.39%           | 0.198%        |
| 15        | 12.116      | 1703          | 1705        | 1707         | rBV2     | 4465           | 3995          | 1.37%           | 0.195%        |
| 16        | 12.204      | 1715          | 1720        | 1722         | rBV4     | 4199           | 6951          | 2.38%           | 0.339%        |
| 17        | 12.233      | 1722          | 1725        | 1727         | rVV2     | 4590           | 3990          | 1.37%           | 0.195%        |
| 18        | 12.316      | 1737          | 1739        | 1743         | rVB4     | 14426          | 10152         | 3.48%           | 0.495%        |
| 19        | 12.463      | 1761          | 1764        | 1766         | rVB3     | 4399           | 3901          | 1.34%           | 0.190%        |
| 20        | 12.516      | 1771          | 1773        | 1778         | rVV3     | 4372           | 4696          | 1.61%           | 0.229%        |
| 21        | 12.586      | 1782          | 1785        | 1788         | rVV      | 28357          | 24392         | 8.36%           | 1.190%        |
| 22        | 12.627      | 1788          | 1792        | 1795         | rVB3     | 6899           | 10055         | 3.44%           | 0.491%        |
| 23        | 12.816      | 1820          | 1824        | 1831         | rVB      | 21245          | 30125         | 10.32%          | 1.470%        |
| 24        | 12.957      | 1844          | 1848        | 1851         | rBV      | 78291          | 63747         | 21.84%          | 3.111%        |
| 25        | 13.080      | 1867          | 1869        | 1870         | rBV      | 6999           | 4529          | 1.55%           | 0.221%        |
| 26        | 13.098      | 1870          | 1872        | 1874         | rVV3     | 7259           | 4953          | 1.70%           | 0.242%        |
| 27        | 13.145      | 1877          | 1880        | 1886         | rVB6     | 8878           | 12055         | 4.13%           | 0.588%        |
| 28        | 13.192      | 1886          | 1888        | 1889         | rBV2     | 4959           | 4707          | 1.61%           | 0.230%        |
| 29        | 13.221      | 1891          | 1893        | 1895         | rBV3     | 6271           | 4009          | 1.37%           | 0.196%        |
| 30        | 13.251      | 1897          | 1898        | 1902         | rVB4     | 5768           | 6242          | 2.14%           | 0.305%        |
| 31        | 13.427      | 1927          | 1928        | 1931         | rBV3     | 5194           | 5324          | 1.82%           | 0.260%        |
| 32        | 13.457      | 1931          | 1933        | 1935         | rVB3     | 9113           | 5124          | 1.76%           | 0.250%        |
| 33        | 13.498      | 1938          | 1940        | 1941         | rBV2     | 6971           | 4086          | 1.40%           | 0.199%        |
| 34        | 13.527      | 1943          | 1945        | 1948         | rBV4     | 4971           | 5946          | 2.04%           | 0.290%        |
| 35        | 13.557      | 1948          | 1950        | 1952         | rBV3     | 6638           | 6316          | 2.16%           | 0.308%        |
| 36        | 13.710      | 1975          | 1976        | 1980         | rBV4     | 12438          | 16654         | 5.71%           | 0.813%        |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 37 | 13.798 | 1989 | 1991 | 1992 | rBV2 | 7058   | 5570   | 1.91%  | 0.272%  |
| 38 | 13.862 | 1999 | 2002 | 2003 | rBV3 | 12083  | 14471  | 4.96%  | 0.706%  |
| 39 | 13.962 | 2018 | 2019 | 2021 | rBV2 | 11318  | 8156   | 2.79%  | 0.398%  |
| 40 | 13.986 | 2021 | 2023 | 2024 | rVV2 | 15446  | 10681  | 3.66%  | 0.521%  |
| 41 | 14.015 | 2024 | 2028 | 2032 | rVV  | 256376 | 272185 | 93.25% | 13.283% |
| 42 | 14.074 | 2036 | 2038 | 2040 | rVV3 | 13523  | 6809   | 2.33%  | 0.332%  |
| 43 | 14.339 | 2079 | 2083 | 2084 | rBV4 | 20934  | 26416  | 9.05%  | 1.289%  |
| 44 | 14.592 | 2124 | 2126 | 2131 | rBV6 | 17130  | 23100  | 7.91%  | 1.127%  |
| 45 | 15.498 | 2276 | 2280 | 2285 | rVB2 | 129503 | 158054 | 54.15% | 7.713%  |
| 46 | 16.098 | 2380 | 2382 | 2383 | rBV2 | 15328  | 12133  | 4.16%  | 0.592%  |
| 47 | 17.068 | 2545 | 2547 | 2551 | rBV5 | 14976  | 18392  | 6.30%  | 0.898%  |
| 48 | 18.756 | 2832 | 2834 | 2838 | rBV5 | 11871  | 13519  | 4.63%  | 0.660%  |

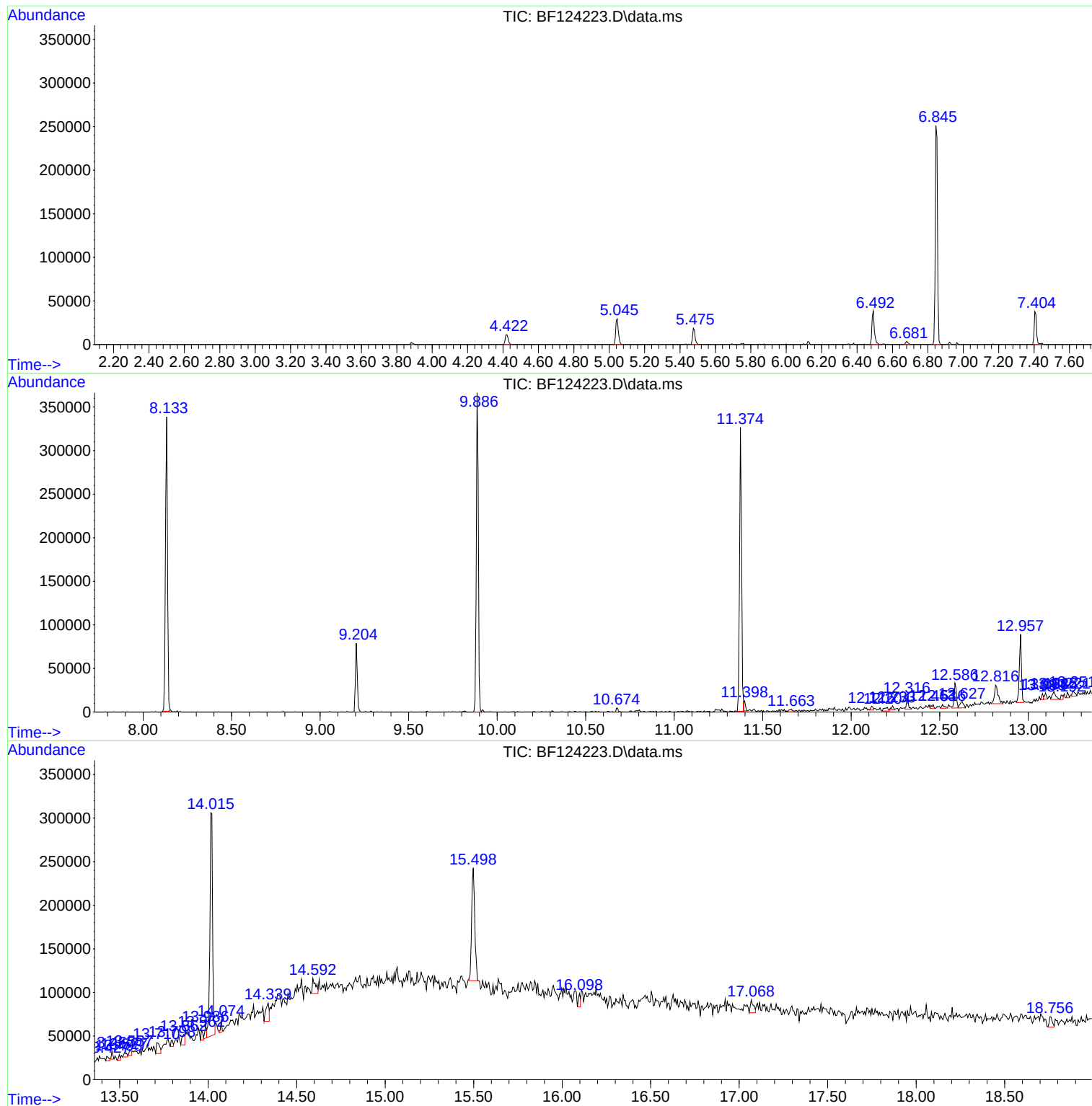
Sum of corrected areas: 2049152

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18-B9(0-2)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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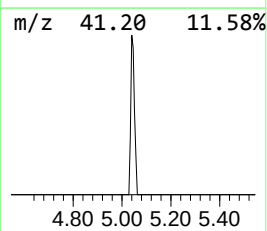
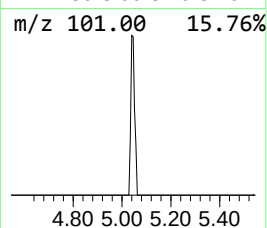
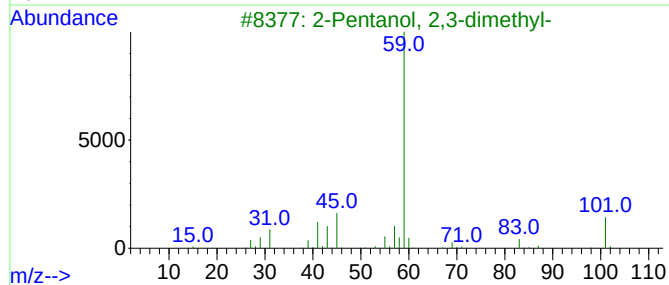
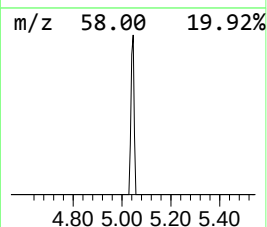
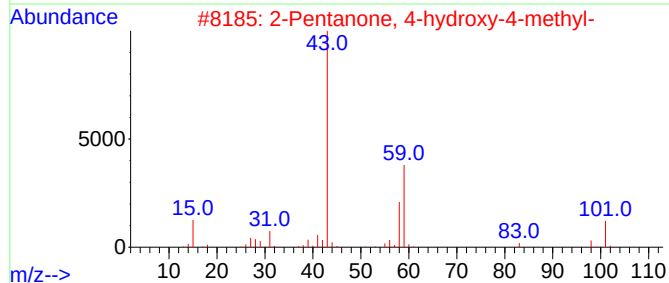
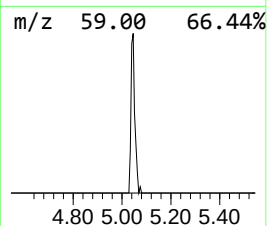
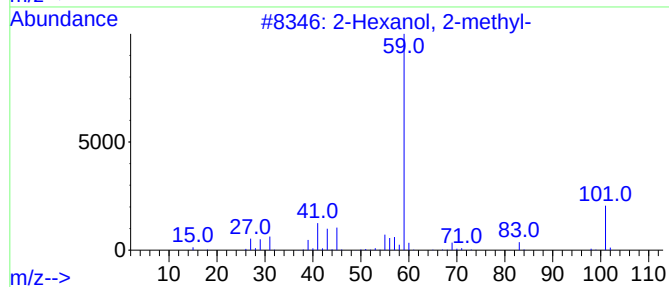
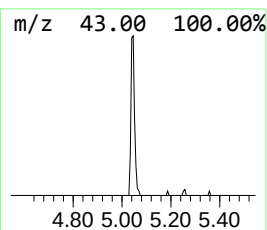
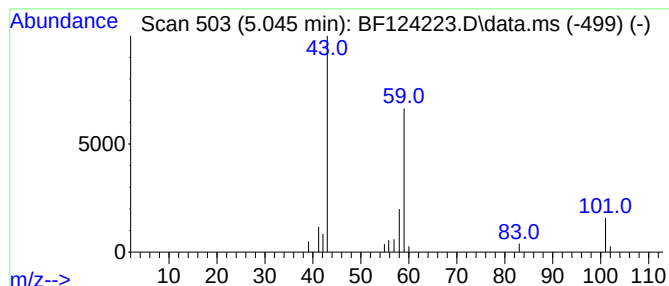
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown5.045 Concentration Rank 1

| R.T.  | EstConc | Area  | Relative to ISTD       | R.T.  |
|-------|---------|-------|------------------------|-------|
| 5.045 | 2.85 ng | 31098 | 1,4-Dichlorobenzene-d4 | 6.851 |

| Hit# | of                               | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----------------------------------|---|--------------|-----|---------|-------------|------|
| 1    | 2-Hexanol, 2-methyl-             |   |              | 116 | C7H16O  | 000625-23-0 | 47   |
| 2    | 2-Pentanone, 4-hydroxy-4-methyl- |   |              | 116 | C6H12O2 | 000123-42-2 | 42   |
| 3    | 2-Pentanol, 2,3-dimethyl-        |   |              | 116 | C7H16O  | 004911-70-0 | 38   |
| 4    | Propane, 1-ethoxy-2-methyl-      |   |              | 102 | C6H14O  | 000627-02-1 | 38   |
| 5    | 2-Pentanol, 2,4-dimethyl-        |   |              | 116 | C7H16O  | 000625-06-9 | 28   |



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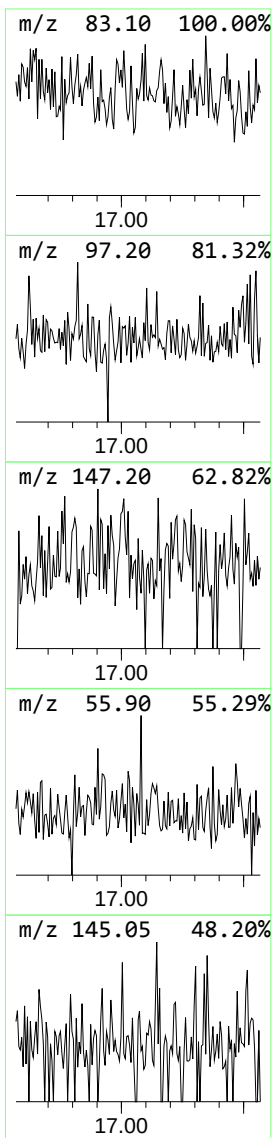
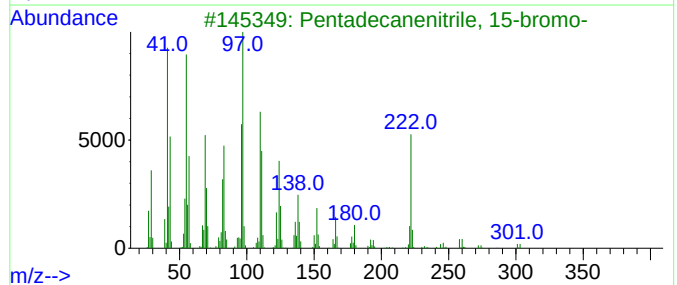
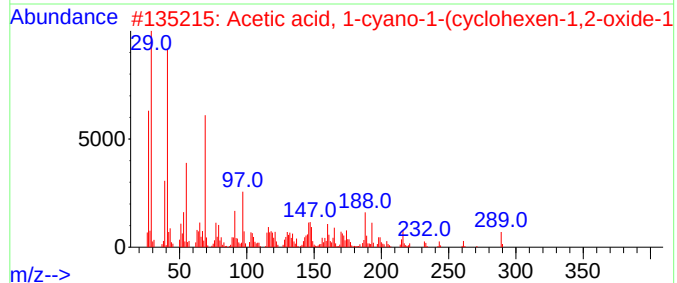
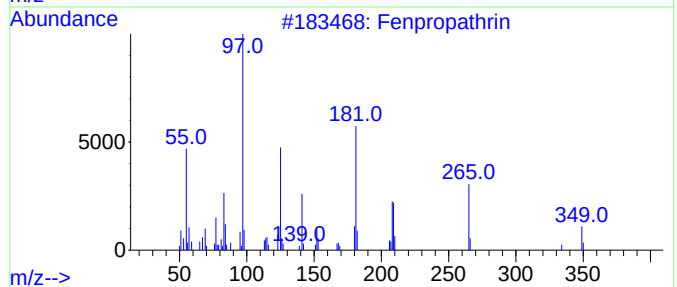
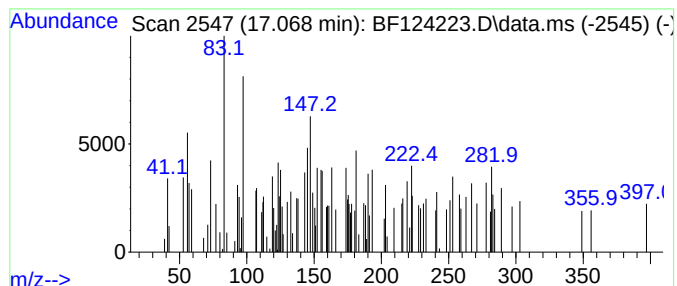
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 unknown17.068 Concentration Rank 2

| R.T.   | EstConc | Area  | Relative to ISTD | R.T.   |
|--------|---------|-------|------------------|--------|
| 17.068 | 2.33 ng | 18392 | Perylene-d12     | 15.498 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Fenpropathrin                       | 349 | C22H23NO3   | 039515-41-8  | 18   |
| 2    |    |   | Acetic acid, 1-cyano-1-(cyclohex... | 289 | C16H19NO4   | 1000155-83-3 | 10   |
| 3    |    |   | Pentadecanenitrile, 15-bromo-       | 301 | C15H28BrN   | 1000163-84-3 | 10   |
| 4    |    |   | Acethydrazide, 2-(2-thienyl)-N2-... | 289 | C13H11N3O3S | 307509-66-6  | 9    |
| 5    |    |   | 1H-Pyrazole-1-ethanamine, N-(2-c... | 263 | C13H14ClN3O | 1000319-19-0 | 9    |



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| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                  |        |         |       |          | #                     | RT     | Resp   | Conc |
| unknown5.045     | 5.045  | 2.9     | ng    | 31098    | 1                     | 6.851  | 218395 | 20.0 |
| unknown17.068    | 17.068 | 2.3     | ng    | 18392    | 6                     | 15.498 | 158054 | 20.0 |