9/1/2015

Worklist: 818

LAB CASE	ITEM	TASK ID	DESCRIPTION	
C2015-1251	1	37487	3.6.1 Blood base neutral confirm	
C2015-1281	1	37581	3.6.1 Blood base neutral confirm	
C2015-1284	1	37596	3.6.1 Blood base neutral confirm	
C2015-1330	1	38028	3.6.1 Blood base neutral confirm	
C2015-1341	1	38160	3.6.1 Blood base neutral confirm	
C2015-1349	1	38309	3.6.1 Blood base neutral confirm	
C2015-1350	1	38313	3.6.1 Blood base neutral confirm	
C2015-1351	2	38470	3.6.1 Blood base neutral confirm	
M2015-2477	1	37789	3.6.1 Blood base neutral confirm	
M2015-2477	2	39069	3.6.1 Blood base neutral confirm	
M2015-2477	3	38764	3.6.1 Blood base neutral confirm	
M2015-2515	1	37987	3.6.1 Blood base neutral confirm	
M2015-2561	1	38234	3.6.1 Blood base neutral confirm	
M2015-2561	2	38237	3.6.1 Blood base neutral confirm	
M2015-2569	2	40050	3.6.1 Blood base neutral confirm	
M2015-2581	1	38417	3.6.1 Blood base neutral confirm	
M2015-2598	1	38453	3.6.1 Blood base neutral confirm	
M2015-2639	2	39132	3.6.1 Blood base neutral confirm	
M2015-2646	1	38582	3.6.1 Blood base neutral confirm	
M2015-2669	1	38695	3.6.1 Blood base neutral confirm	
M2015-2686	1	38757	3.6.1 Blood base neutral confirm	
M2015-2686	2	38760	3.6.1 Blood base neutral confirm	
M2015-2729	2	39244	3.6.1 Blood base neutral confirm	

1

Worklist: 818

LAB CASE	ITEM	TASK ID	DESCRIPTION	
M2015-2746	1	38969	3.6.1 Blood base neutral confirm	
M2015-2747	1	38973	3.6.1 Blood base neutral confirm	
M2015-2754	1	38987	3.6.1 Blood base neutral confirm	
M2015-2764	1	39026	3.6.1 Blood base neutral confirm	
P2015-1570	1	37165	3.6.1 Blood base neutral confirm	
P2015-1668	1	37984	3.6.1 Blood base neutral confirm	
P2015-1673	2	38280	3.6.1 Blood base neutral confirm	
P2015-1677	1	38101	3.6.1 Blood base neutral confirm	
P2015-1753	1	38772	3.6.1 Blood base neutral confirm	
P2015-1780	1	38928	3.6.1 Blood base neutral confirm	
P2015-1784	1	38963	3.6.1 Blood base neutral confirm	
P2015-1793	1	39126	3.6.1 Blood base neutral confirm	
P2015-1794	1	39129	3.6.1 Blood base neutral confirm	
P2015-1818	1	39311	3.6.1 Blood base neutral confirm	
P2015-1819	1	39342	3.6.1 Blood base neutral confirm	
P2015-1820	1	39402	3.6.1 Blood base neutral confirm	
P2015-1821	1	39405	3.6.1 Blood base neutral confirm	

2

```
                        simulate_sequence.log
    Simulate Run Sequence  Thu Aug 27 15:13:47 2015

    Instrument Name: Major Mass Spec
     Sequence File: C:\Users\ISPuser\Desktop\Sequences\RMs.sequence.xml
          Comment: MassHunter sequence
          Operator: ISP\datastor
        Data Path: D:\DATA\CDS\2015\082715\
      Method Path: D:\MassHunter\GCMS\1\methods\

    Line  Type            Vials    DataFile                Sample Name
    ------------------------------------------------------------------------
    Acquisition Method: BNSB120510.M
      1) Sample           100      Prerun Solvent Blank    Pre-run Solvent Blank
      2) Sample           1        Negative Control-BN     Negative Control -
...0689
      3) Sample           2        Spiked Positive Control-BN  Positive Control

      4) Sample           99       prbLK2                  Solvent Blank

    Acquisition Method: GBT092509-Delta EMV.M
      5) Sample           100      Prerun Solvent Blankr   Pre-run Solvent Blank
      6) Sample           1        Negative Control-BNr    Negative Control -
...0689
      7) Sample           2        Spiked Positive Control-BNr  Positive Control

      8) Sample           99       prbLK2r                 Solvent Blank

    Acquisition Method: BNSB120510.M
      9) Sample           98       C2015-1251-1-BNBLK      Lab No.:  C2015-1251-1
     10) Sample           3        C2015-1251-1-BN         Lab No.:  C2015-1251-1
     11) Sample           97       C2015-1281-1-BNBLK      Lab No.:  C2015-1281-1
     12) Sample           4        C2015-1281-1-BN         Lab No.:  C2015-1281-1
     13) Sample           96       C2015-1284-1-BNBLK      Lab No.:  C2015-1284-1
     14) Sample           5        C2015-1284-1-BN         Lab No.:  C2015-1284-1
     15) Sample           95       C2015-1330-1-BNBLK      Lab No.:  C2015-1330-1
     16) Sample           6        C2015-1330-1-BN         Lab No.:  C2015-1330-1
     17) Sample           94       C2015-1341-1-BNBLK      Lab No.:  C2015-1341-1
     18) Sample           7        C2015-1341-1-BN         Lab No.:  C2015-1341-1
     19) Sample           93       C2015-1349-1-BNBLK      Lab No.:  C2015-1349-1
     20) Sample           8        C2015-1349-1-BN         Lab No.:  C2015-1349-1
     21) Sample           92       C2015-1350-1-BNBLK      Lab No.:  C2015-1350-1
     22) Sample           9        C2015-1350-1-BN         Lab No.:  C2015-1350-1
     23) Sample           91       C2015-1351-2-BNBLK      Lab No.:  C2015-1351-2
     24) Sample           10       C2015-1351-2-BN         Lab No.:  C2015-1351-2

    Acquisition Method: GBT092509-Delta EMV.M
     25) Sample           98       C2015-1251-1-BNBLKr     Lab No.:  C2015-1251-1
     26) Sample           3        C2015-1251-1-BNr        Lab No.:  C2015-1251-1
     27) Sample           97       C2015-1281-1-BNBLKr     Lab No.:  C2015-1281-1
     28) Sample           4        C2015-1281-1-BNr        Lab No.:  C2015-1281-1
     29) Sample           96       C2015-1284-1-BNBLKr     Lab No.:  C2015-1284-1
     30) Sample           5        C2015-1284-1-BNr        Lab No.:  C2015-1284-1
     31) Sample           95       C2015-1330-1-BNBLKr     Lab No.:  C2015-1330-1
     32) Sample           6        C2015-1330-1-BNr        Lab No.:  C2015-1330-1
     33) Sample           94       C2015-1341-1-BNBLKr     Lab No.:  C2015-1341-1
     34) Sample           7        C2015-1341-1-BNr        Lab No.:  C2015-1341-1
     35) Sample           93       C2015-1349-1-BNBLKr     Lab No.:  C2015-1349-1
     36) Sample           8        C2015-1349-1-BNr        Lab No.:  C2015-1349-1
     37) Sample           92       C2015-1350-1-BNBLKr     Lab No.:  C2015-1350-1
     38) Sample           9        C2015-1350-1-BNr        Lab No.:  C2015-1350-1
     39) Sample           91       C2015-1351-2-BNBLKr     Lab No.:  C2015-1351-2
     40) Sample           10       C2015-1351-2-BNr        Lab No.:  C2015-1351-2

    Acquisition Method: BNSB120510.M
     41) Sample           90       M2015-2477-1-BNBLK      Lab No.:  M2015-2477-1
     42) Sample           11       M2015-2477-1-BN         Lab No.:  M2015-2477-1
     43) Sample           89       M2015-2477-2-BNBLK      Lab No.:  M2015-2477-2
     44) Sample           12       M2015-2477-2-BN         Lab No.:  M2015-2477-2
                            Page 1
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                              simulate_sequence.log
 45) Sample          88     M2015-2477-3-BNBLK      Lab No.:    M2015-2477-3
 46) Sample          13     M2015-2477-3-BN         Lab No.:    M2015-2477-3
 47) Sample          87     M2015-2515-1-BNBLK      Lab No.:    M2015-2515-1
 48) Sample          14     M2015-2515-1-BN         Lab No.:    M2015-2515-1
 49) Sample          86     M2015-2561-1-BNBLK      Lab No.:    M2015-2561-1
 50) Sample          15     M2015-2561-1-BN         Lab No.:    M2015-2561-1

Acquisition Method: GBT092509-Delta EMV.M
 51) Sample          90     M2015-2477-1-BNBLKr     Lab No.:    M2015-2477-1
 52) Sample          11     M2015-2477-1-BNr        Lab No.:    M2015-2477-1
 53) Sample          89     M2015-2477-2-BNBLKr     Lab No.:    M2015-2477-2
 54) Sample          12     M2015-2477-2-BNr        Lab No.:    M2015-2477-2
 55) Sample          88     M2015-2477-3-BNBLKr     Lab No.:    M2015-2477-3
 56) Sample          13     M2015-2477-3-BNr        Lab No.:    M2015-2477-3
 57) Sample          87     M2015-2515-1-BNBLKr     Lab No.:    M2015-2515-1
 58) Sample          14     M2015-2515-1-BNr        Lab No.:    M2015-2515-1
 59) Sample          86     M2015-2561-1-BNBLKr     Lab No.:    M2015-2561-1
 60) Sample          15     M2015-2561-1-BNr        Lab No.:    M2015-2561-1

Acquisition Method: BNSB120510.M
 61) Sample          85     M2015-2561-2-BNBLK      Lab No.:    M2015-2561-2
 62) Sample          16     M2015-2561-2-BN         Lab No.:    M2015-2561-2
 63) Sample          84     M2015-2569-2-BNBLK      Lab No.:    M2015-2569-2
 64) Sample          17     M2015-2569-2-BN         Lab No.:    M2015-2569-2
 65) Sample          83     M2015-2581-1-BNBLK      Lab No.:    M2015-2581-1
 66) Sample          18     M2015-2581-1-BN         Lab No.:    M2015-2581-1
 67) Sample          82     M2015-2598-1-BNBLK      Lab No.:    M2015-2598-1
 68) Sample          19     M2015-2598-1-BN         Lab No.:    M2015-2598-1
 69) Sample          81     M2015-2639-2-BNBLK      Lab No.:    M2015-2639-2
 70) Sample          20     M2015-2639-2-BN         Lab No.:    M2015-2639-2

Acquisition Method: GBT092509-Delta EMV.M
 71) Sample          85     M2015-2561-2-BNBLKr     Lab No.:    M2015-2561-2
 72) Sample          16     M2015-2561-2-BNr        Lab No.:    M2015-2561-2
 73) Sample          84     M2015-2569-2-BNBLKr     Lab No.:    M2015-2569-2
 74) Sample          17     M2015-2569-2-BNr        Lab No.:    M2015-2569-2
 75) Sample          83     M2015-2581-1-BNBLKr     Lab No.:    M2015-2581-1
 76) Sample          18     M2015-2581-1-BNr        Lab No.:    M2015-2581-1
 77) Sample          82     M2015-2598-1-BNBLKr     Lab No.:    M2015-2598-1
 78) Sample          19     M2015-2598-1-BNr        Lab No.:    M2015-2598-1
 79) Sample          81     M2015-2639-2-BNBLKr     Lab No.:    M2015-2639-2
 80) Sample          20     M2015-2639-2-BNr        Lab No.:    M2015-2639-2

Acquisition Method: BNSB120510.M
 81) Sample          80     M2015-2646-1-BNBLK      Lab No.:    M2015-2646-1
 82) Sample          21     M2015-2646-1-BN         Lab No.:    M2015-2646-1
 83) Sample          79     M2015-2669-1-BNBLK      Lab No.:    M2015-2669-1
 84) Sample          22     M2015-2669-1-BN         Lab No.:    M2015-2669-1
 85) Sample          78     M2015-2686-1-BNBLK      Lab No.:    M2015-2686-1
 86) Sample          23     M2015-2686-1-BN         Lab No.:    M2015-2686-1
 87) Sample          77     M2015-2686-2-BNBLK      Lab No.:    M2015-2686-2
 88) Sample          24     M2015-2686-2-BN         Lab No.:    M2015-2686-2
 89) Sample          76     M2015-2729-1-BNBLK      Lab No.:    M2015-2729-1
 90) Sample          25     M2015-2729-1-BN         Lab No.:    M2015-2729-1

Acquisition Method: GBT092509-Delta EMV.M
 91) Sample          80     M2015-2646-1-BNBLKr     Lab No.:    M2015-2646-1
 92) Sample          21     M2015-2646-1-BNr        Lab No.:    M2015-2646-1
 93) Sample          79     M2015-2669-1-BNBLKr     Lab No.:    M2015-2669-1
 94) Sample          22     M2015-2669-1-BNr        Lab No.:    M2015-2669-1
 95) Sample          78     M2015-2686-1-BNBLKr     Lab No.:    M2015-2686-1
 96) Sample          23     M2015-2686-1-BNr        Lab No.:    M2015-2686-1
 97) Sample          77     M2015-2686-2-BNBLKr     Lab No.:    M2015-2686-2
 98) Sample          24     M2015-2686-2-BNr        Lab No.:    M2015-2686-2
 99) Sample          76     M2015-2729-1-BNBLKr     Lab No.:    M2015-2729-1
100) Sample          25     M2015-2729-1-BNr        Lab No.:    M2015-2729-1

Acquisition Method: BNSB120510.M
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                         simulate_sequence.log
101) Sample          75       M2015-2746-1-BNBLK      Lab No.:   M2015-2746-1
102) Sample          26       M2015-2746-1-BN         Lab No.:   M2015-2746-1

Acquisition Method: GBT092509-Delta EMV.M
103) Sample          75       M2015-2746-1-BNBLKr     Lab No.:   M2015-2746-1
104) Sample          26       M2015-2746-1-BNr        Lab No.:   M2015-2746-1

Acquisition Method: BNSB120510.M
105) Sample          74       M2015-2747-1-BNBLK      Lab No.:   M2015-2747-1
106) Sample          27       M2015-2747-1-BN         Lab No.:   M2015-2747-1

Acquisition Method: GBT092509-Delta EMV.M
107) Sample          74       M2015-2747-1-BNBLKr     Lab No.:   M2015-2747-1
108) Sample          27       M2015-2747-1-BNr        Lab No.:   M2015-2747-1

Acquisition Method: BNSB120510.M
109) Sample          73       M2015-2754-1-BNBLK      Lab No.:   M2015-2754-1
110) Sample          28       M2015-2754-1-BN         Lab No.:   M2015-2754-1
111) Sample          72       M2015-2764-1-BNBLK      Lab No.:   M2015-2764-1
112) Sample          29       M2015-2764-1-BN         Lab No.:   M2015-2764-1
113) Sample          71       P2015-1570-1-BNBLK      Lab No.:   P2015-1570-1
114) Sample          30       P2015-1570-1-BN         Lab No.:   P2015-1570-1
115) Sample          70       P2015-1668-1-BNBLK      Lab No.:   P2015-1668-1
116) Sample          31       P2015-1668-1-BN         Lab No.:   P2015-1668-1
117) Sample          69       P2015-1673-2-BNBLK      Lab No.:   P2015-1673-2
118) Sample          32       P2015-1673-2-BN         Lab No.:   P2015-1673-2
119) Sample          68       P2015-1677-1-BNBLK      Lab No.:   P2015-1677-1
120) Sample          33       P2015-1677-1-BN         Lab No.:   P2015-1677-1
121) Sample          67       P2015-1753-1-BNBLK      Lab No.:   P2015-1753-1
122) Sample          34       P2015-1753-1-BN         Lab No.:   P2015-1753-1
123) Sample          66       P2015-1780-1-BNBLK      Lab No.:   P2015-1780-1
124) Sample          35       P2015-1780-1-BN         Lab No.:   P2015-1780-1

Acquisition Method: GBT092509-Delta EMV.M
125) Sample          73       M2015-2754-1-BNBLKr     Lab No.:   M2015-2754-1
126) Sample          28       M2015-2754-1-BNr        Lab No.:   M2015-2754-1
127) Sample          72       M2015-2764-1-BNBLKr     Lab No.:   M2015-2764-1
128) Sample          29       M2015-2764-1-BNr        Lab No.:   M2015-2764-1
129) Sample          71       P2015-1570-1-BNBLKr     Lab No.:   P2015-1570-1
130) Sample          30       P2015-1570-1-BNr        Lab No.:   P2015-1570-1
131) Sample          70       P2015-1668-1-BNBLKr     Lab No.:   P2015-1668-1
132) Sample          31       P2015-1668-1-BNr        Lab No.:   P2015-1668-1
133) Sample          69       P2015-1673-2-BNBLKr     Lab No.:   P2015-1673-2
134) Sample          32       P2015-1673-2-BNr        Lab No.:   P2015-1673-2
135) Sample          68       P2015-1677-1-BNBLKr     Lab No.:   P2015-1677-1
136) Sample          33       P2015-1677-1-BNr        Lab No.:   P2015-1677-1
137) Sample          67       P2015-1753-1-BNBLKr     Lab No.:   P2015-1753-1
138) Sample          34       P2015-1753-1-BNr        Lab No.:   P2015-1753-1
139) Sample          66       P2015-1780-1-BNBLKr     Lab No.:   P2015-1780-1
140) Sample          35       P2015-1780-1-BNr        Lab No.:   P2015-1780-1

Acquisition Method: BNSB120510.M
141) Sample          65       P2015-1784-1-BNBLK      Lab No.:   P2015-1784-1
142) Sample          36       P2015-1784-1-BN         Lab No.:   P2015-1784-1
143) Sample          64       P2015-1793-1-BNBLK      Lab No.:   P2015-1793-1
144) Sample          37       P2015-1793-1-BN         Lab No.:   P2015-1793-1
145) Sample          63       P2015-1794-1-BNBLK      Lab No.:   P2015-1794-1
146) Sample          38       P2015-1794-1-BN         Lab No.:   P2015-1794-1
147) Sample          62       P2015-1818-1-BNBLK      Lab No.:   P2015-1818-1
148) Sample          39       P2015-1818-1-BN         Lab No.:   P2015-1818-1
149) Sample          61       P2015-1819-1-BNBLK      Lab No.:   P2015-1819-1
150) Sample          40       P2015-1819-1-BN         Lab No.:   P2015-1819-1

Acquisition Method: GBT092509-Delta EMV.M
151) Sample          65       P2015-1784-1-BNBLKr     Lab No.:   P2015-1784-1
152) Sample          36       P2015-1784-1-BNr        Lab No.:   P2015-1784-1
153) Sample          64       P2015-1793-1-BNBLKr     Lab No.:   P2015-1793-1
154) Sample          37       P2015-1793-1-BNr        Lab No.:   P2015-1793-1
                              Page 3
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                              simulate_sequence.log
155) Sample            63      P2015-1794-1-BNBLKr     Lab No.:  P2015-1794-1
156) Sample            38      P2015-1794-1-BNr        Lab No.:  P2015-1794-1
157) Sample            62      P2015-1818-1-BNBLKr     Lab No.:  P2015-1818-1
158) Sample            39      P2015-1818-1-BNr        Lab No.:  P2015-1818-1
159) Sample            61      P2015-1819-1-BNBLKr     Lab No.:  P2015-1819-1
160) Sample            40      P2015-1819-1-BNr        Lab No.:  P2015-1819-1

Acquisition Method: BNSB120510.M
161) Sample            60      P2015-1820-1-BNBLK      Lab No.:  P2015-1820-1
162) Sample            41      P2015-1820-1-BN         Lab No.:  P2015-1820-1
163) Sample            59      P2015-1821-1-BNBLK      Lab No.:  P2015-1821-1
164) Sample            42      P2015-1821-1-BN         Lab No.:  P2015-1821-1

Acquisition Method: GBT092509-Delta EMV.M
165) Sample            60      P2015-1820-1-BNBLKr     Lab No.:  P2015-1820-1
166) Sample            41      P2015-1820-1-BNr        Lab No.:  P2015-1820-1
167) Sample            59      P2015-1821-1-BNBLKr     Lab No.:  P2015-1821-1
168) Sample            42      P2015-1821-1-BNr        Lab No.:  P2015-1821-1

Acquisition Method: BNSB120510.M
169) Sample            58      POSTBLK                 BLK

Acquisition Method: GBT092509-Delta EMV.M
170) Sample            57      AFTER                   BLK
megabytes Needed: 2879  Space on drive D: 279720
Sequence Verification Done!
```

Analytical Method ☑3.6.1 & ☐3.6.7 QA Check List

Run Start Date: ___08/27/15___   **Analyst:** ___CS___

(Short GC/MS temperature program)

Positive Control Compound List

☑ Methamphetamine
☑ Nicotine
☑ Meperidine
☑ Caffeine
☑ Diphenhydramine
☑ Lidocaine
☑ PCP
☑ Methadone
☑ Amitriptyline
☑ Codeine
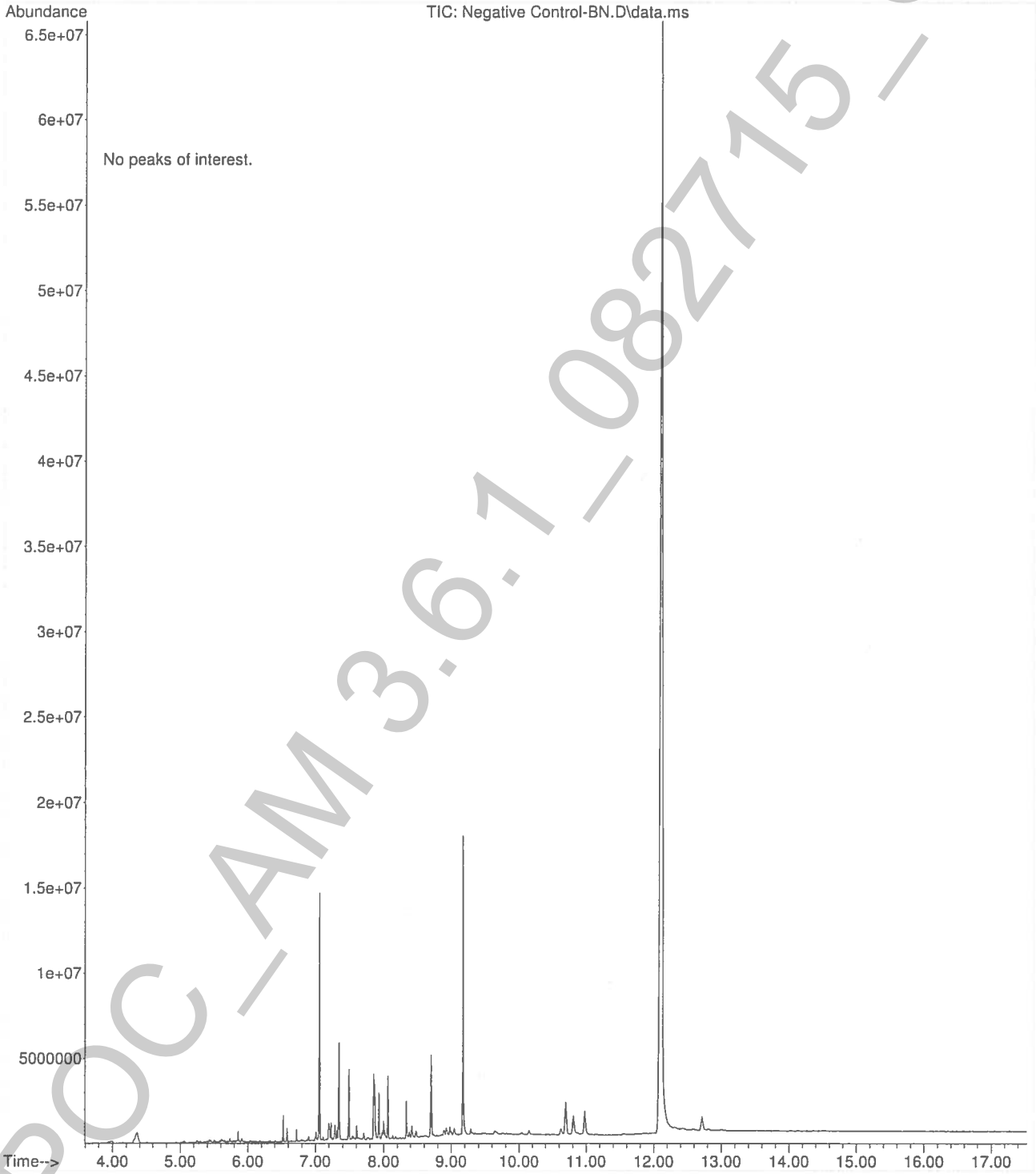☑ Trazodone

Internal Standards

☑ Benzphetamine
☑ Papaverine

Optional back extraction **not** performed.
Reconstituted in MeOH.

An additional control containing phentermine and methamphetamin
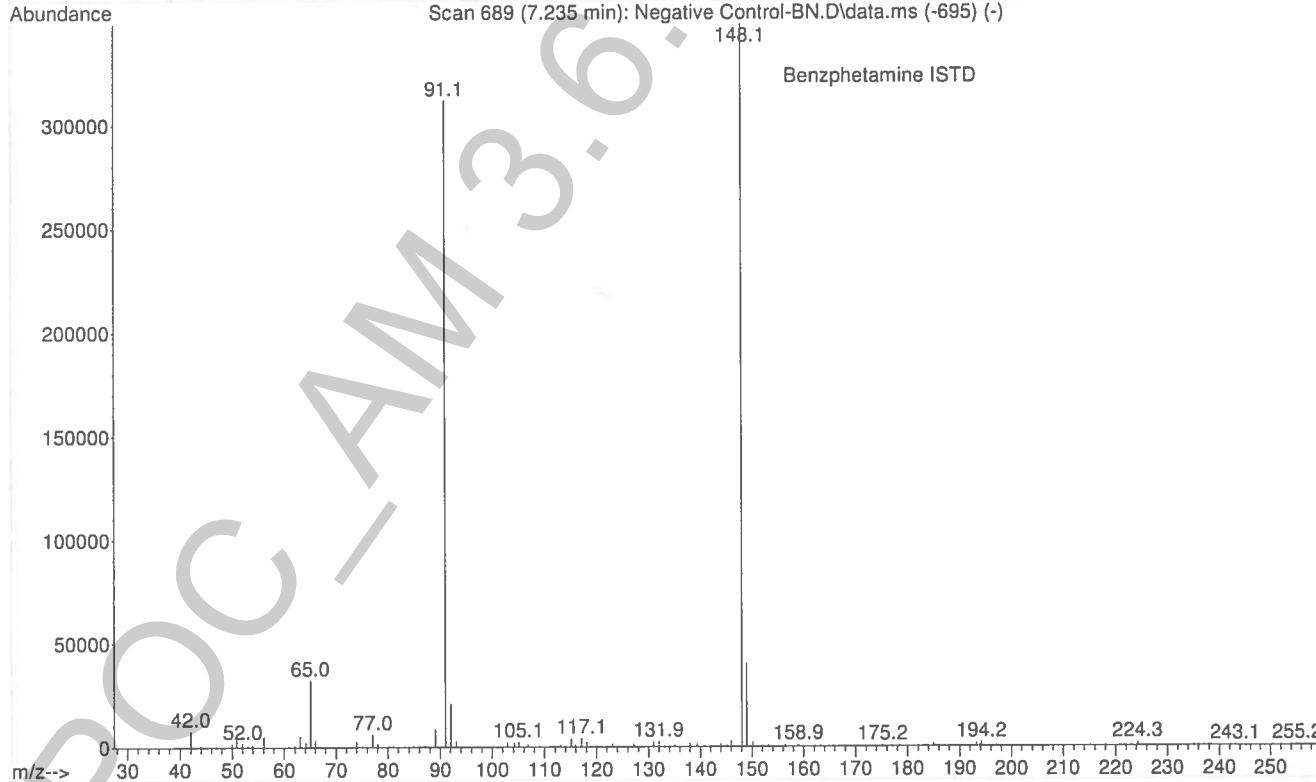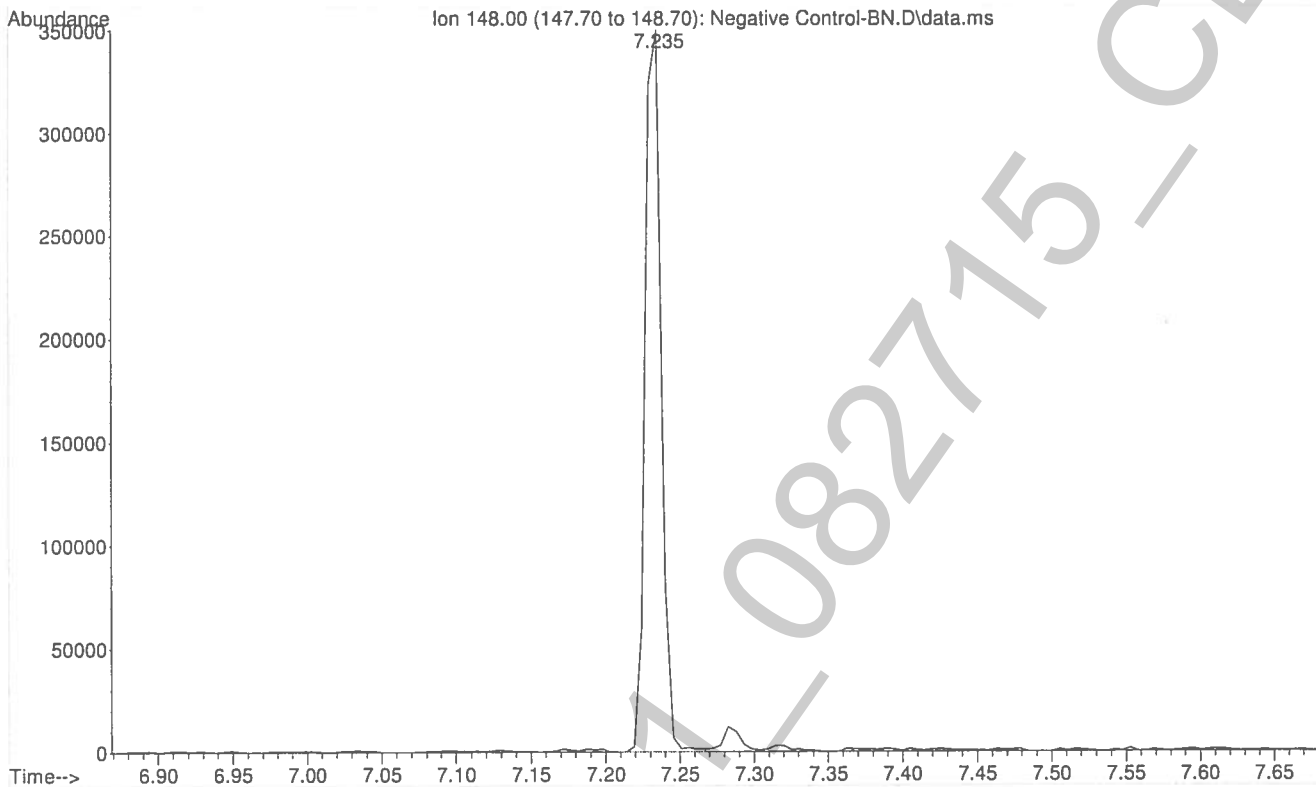was extracted on 9-4-15. *cs*

```
File        :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...          \Negative Control-BN.D
Operator    : ISP\datastor
Instrument  :  Major Mass Spec
Acquired    : 27 Aug 2015  15:43     using AcqMethod BNSB120510.M
Sample Name: Negative Control – Utak Lot B0689
Misc Info   : Analytical Method 3.6.1
```


Abundance

TIC: Negative Control-BN.D\data.ms

No peaks of interest.

Time-->

```
File        :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...          \Negative Control-BN.D
Operator    : ISP\datastor
Instrument  :   Major Mass Spec
Acquired    : 27 Aug 2015  15:43     using AcqMethod BNSB120510.M
Sample Name: Negative Control – Utak Lot B0689
Misc Info   : Analytical Method 3.6.1
```
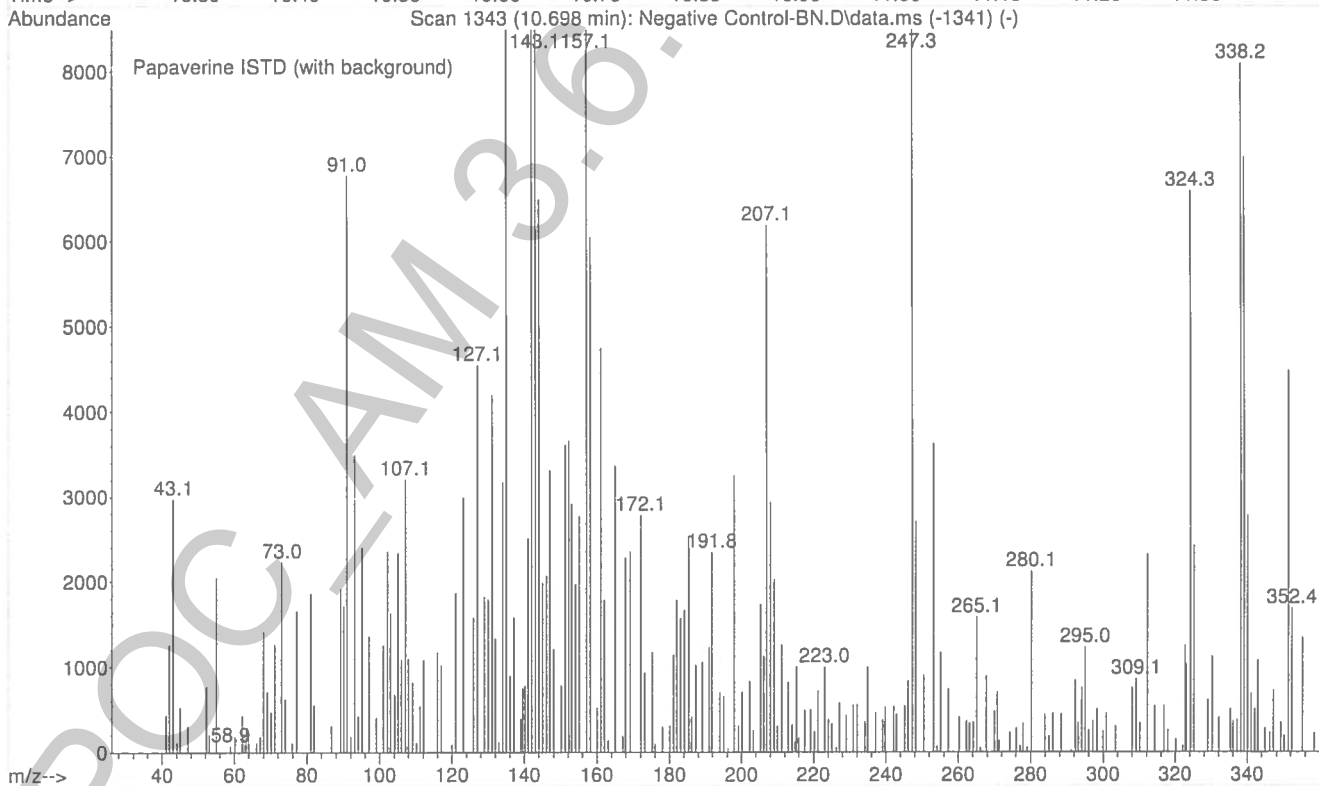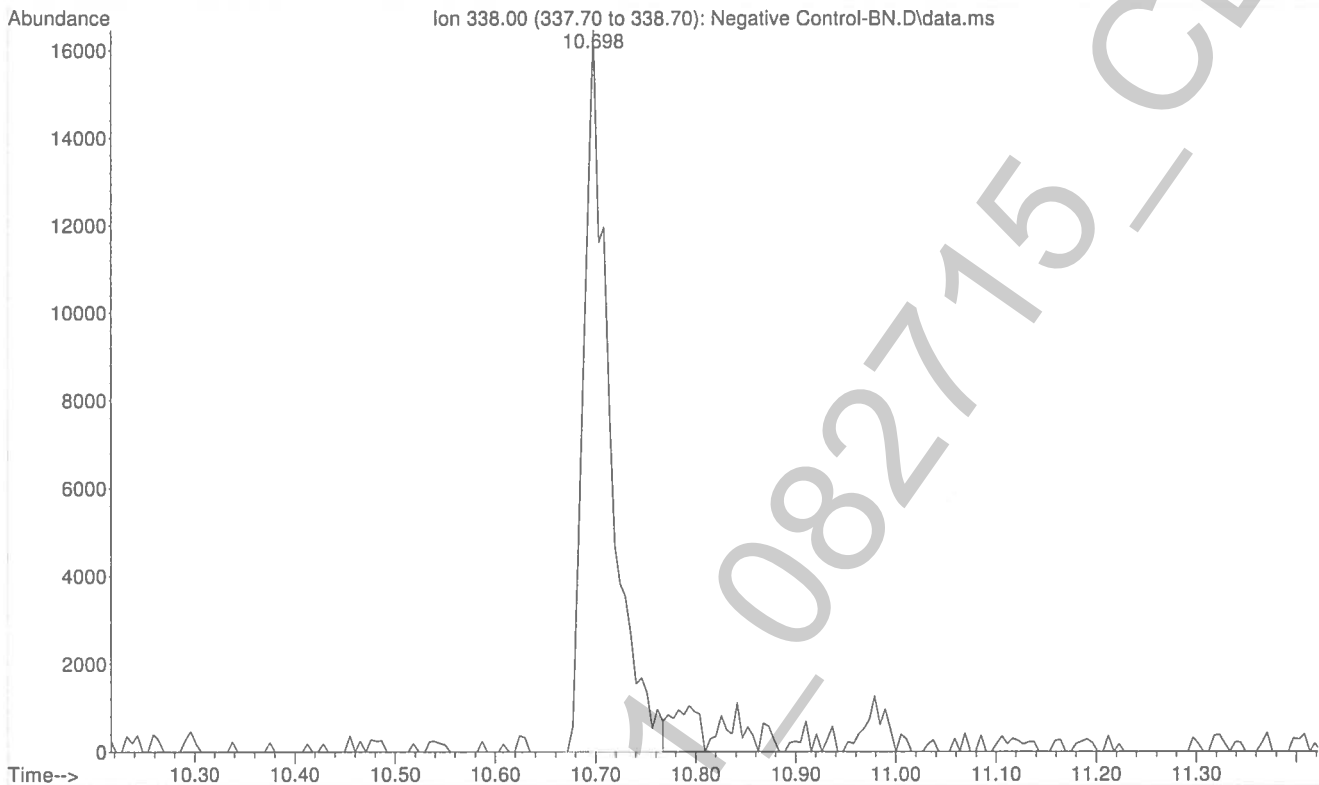
Abundance

Ion 148.00 (147.70 to 148.70): Negative Control-BN.D\data.ms

7.235

Time--> 6.90 6.95 7.00 7.05 7.10 7.15 7.20 7.25 7.30 7.35 7.40 7.45 7.50 7.55 7.60 7.65

Abundance

Scan 689 (7.235 min): Negative Control-BN.D\data.ms (-695) (-)

148.1

91.1

Benzphetamine ISTD

65.0

42.0   52.0   77.0   105.1 117.1 131.9   158.9 175.2   194.2   224.3   243.1 255.2

m/z--> 30   40   50   60   70   80   90   100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Negative Control-BN.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 27 Aug 2015 15:43   using AcqMethod BNSB120510.M
Sample Name: Negative Control - Utak Lot B0689
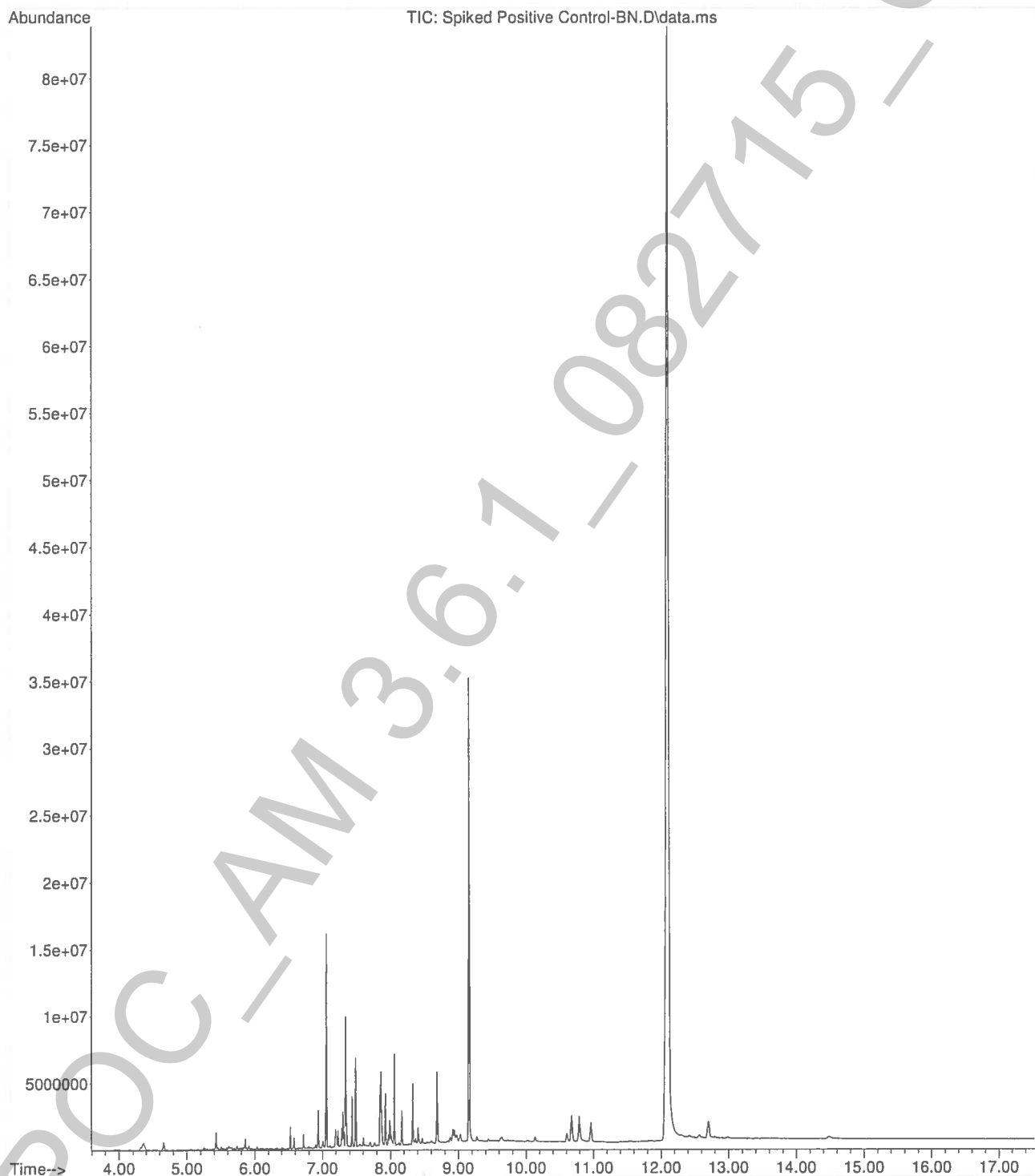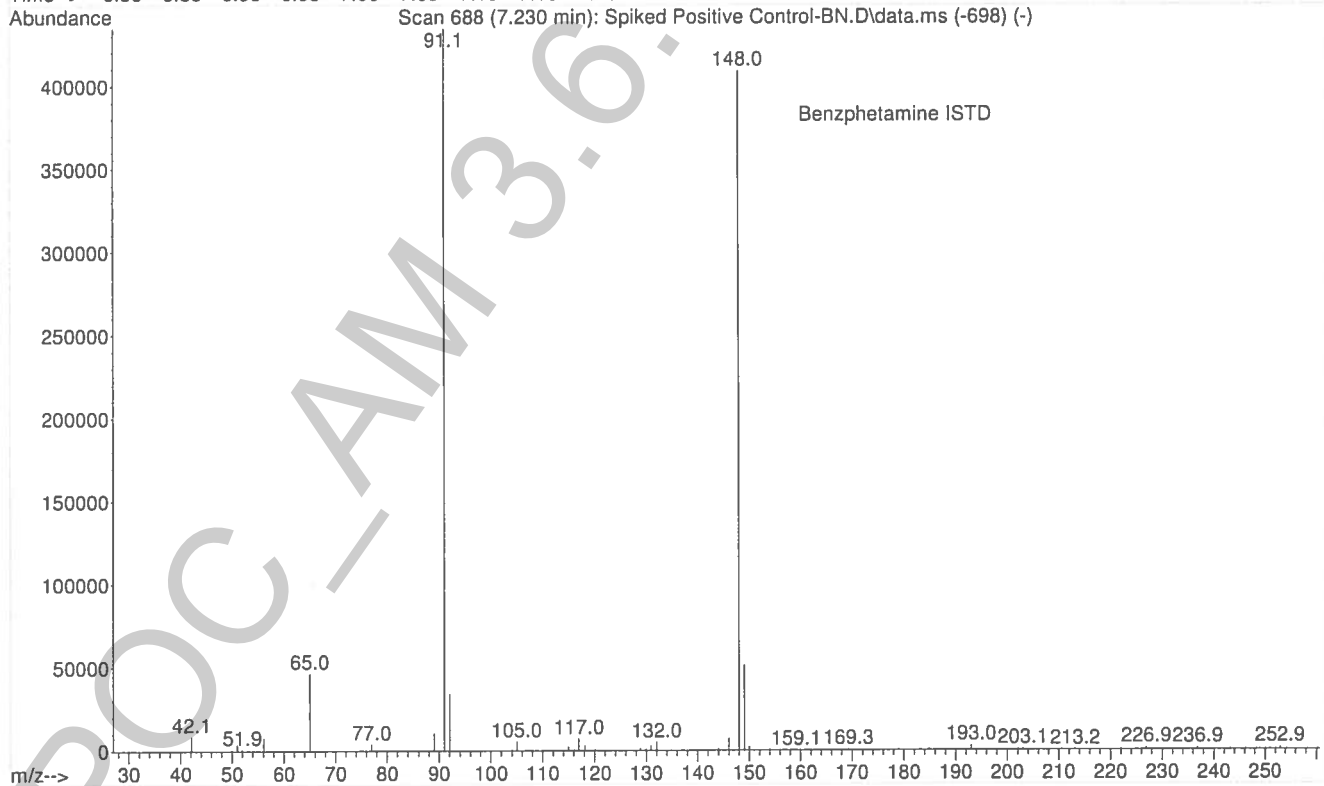Misc Info : Analytical Method 3.6.1

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Spiked Positive Control-BN.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 27 Aug 2015 16:06   using AcqMethod BNSB120510.M
Sample Name: Positive Control
Misc Info : Analytical Method 3.6.1

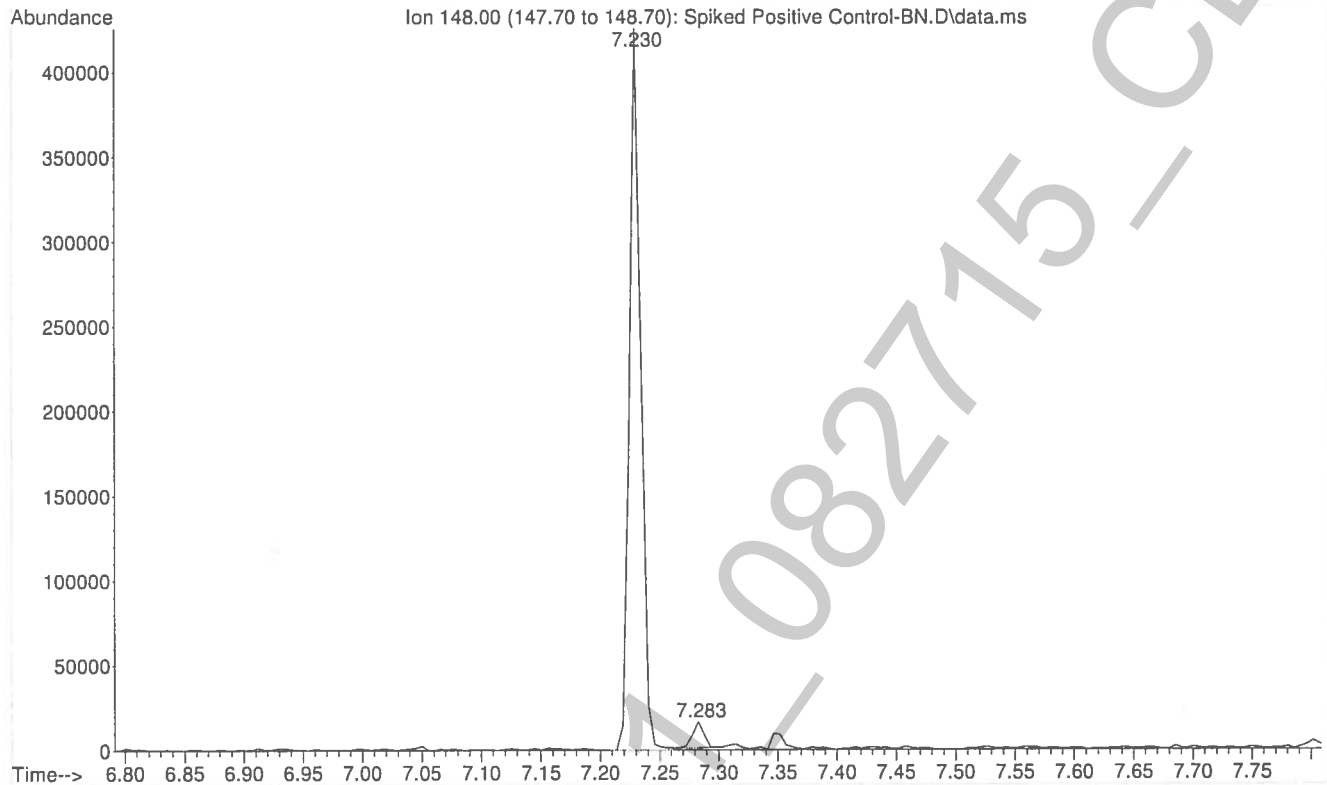TIC: Spiked Positive Control-BN.D\data.ms

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Spiked Positive Control-BN.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 27 Aug 2015 16:06   using AcqMethod BNSB120510.M
Sample Name: Positive Control
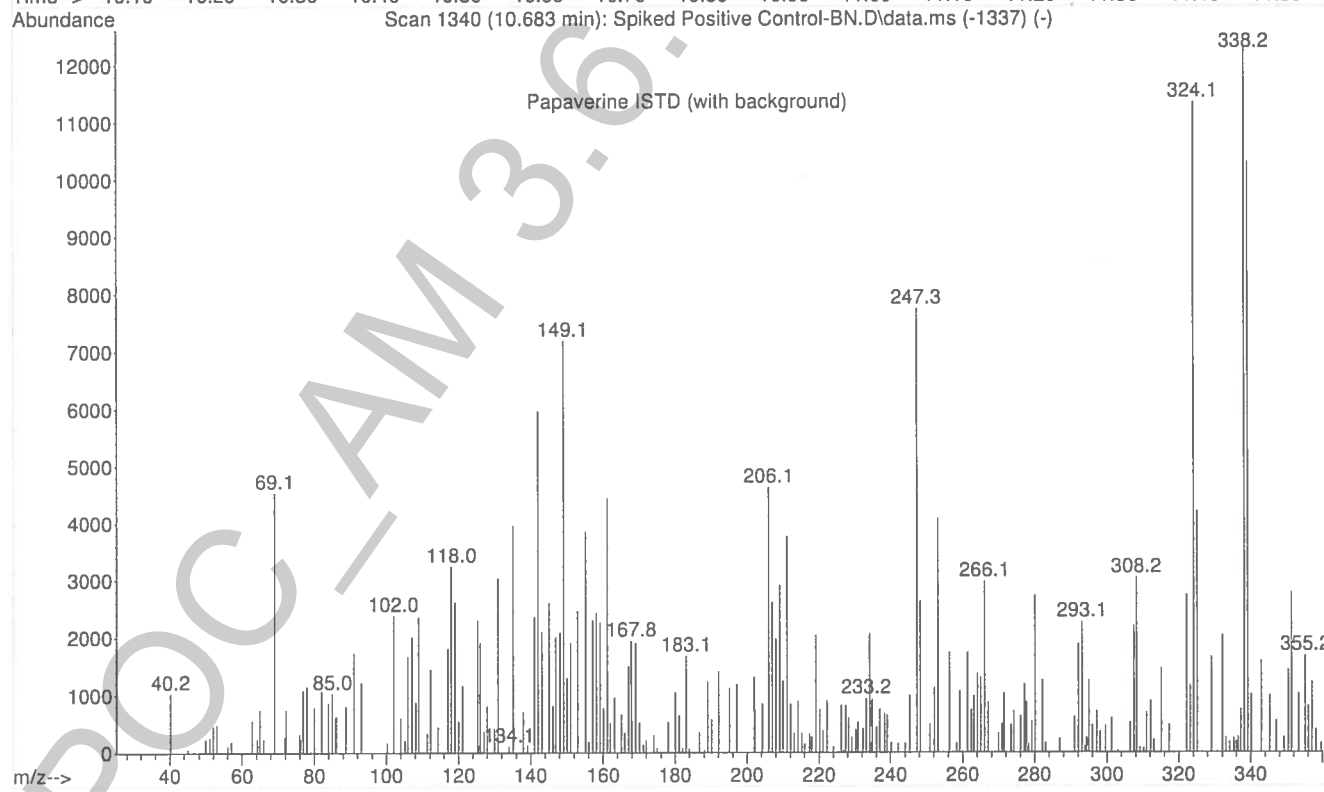Misc Info   : Analytical Method 3.6.1

Abundance   Ion 148.00 (147.70 to 148.70): Spiked Positive Control-BN.D\data.ms
                                              7.230

400000

350000

300000

250000

200000

150000

100000

50000
                                                    7.283
0
Time--> 6.80 6.85 6.90 6.95 7.00 7.05 7.10 7.15 7.20 7.25 7.30 7.35 7.40 7.45 7.50 7.55 7.60 7.65 7.70 7.75

Abundance   Scan 688 (7.230 min): Spiked Positive Control-BN.D\data.ms (-698) (-)
                         91.1   148.0

400000   Benzphetamine ISTD

350000

300000

250000

200000

150000

100000

50000
             65.0
      42.1   105.0 117.0   132.0
0   51.9   77.0   159.1169.3   193.0203.1213.2   226.9236.9 252.9
m/z--> 30   40   50   60   70   80   90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250

```
File      :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...        \Spiked Positive Control-BN.D
Operator  : ISP\datastor
Instrument :    Major Mass Spec
Acquired  : 27 Aug 2015  16:06     using AcqMethod BNSB120510.M
Sample Name: Positive Control
Misc Info : Analytical Method 3.6.1
```
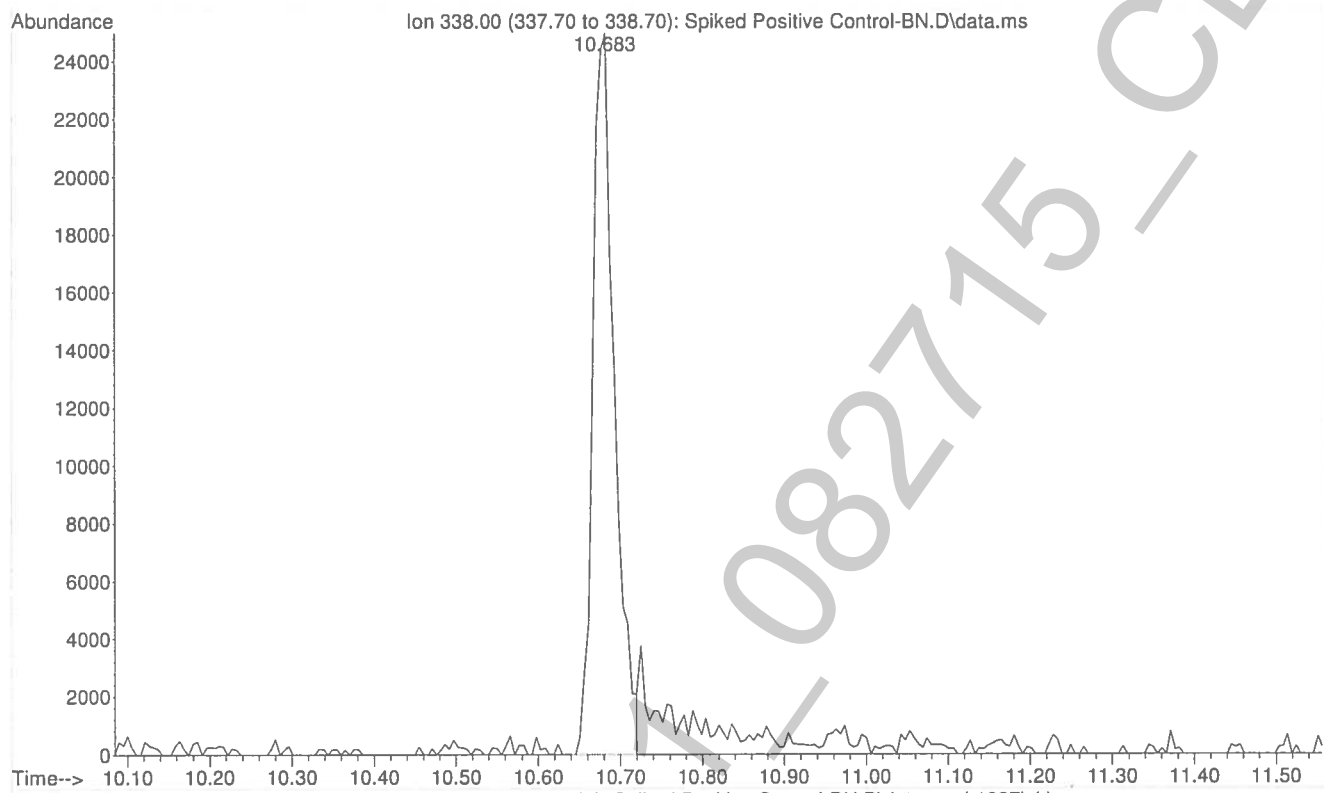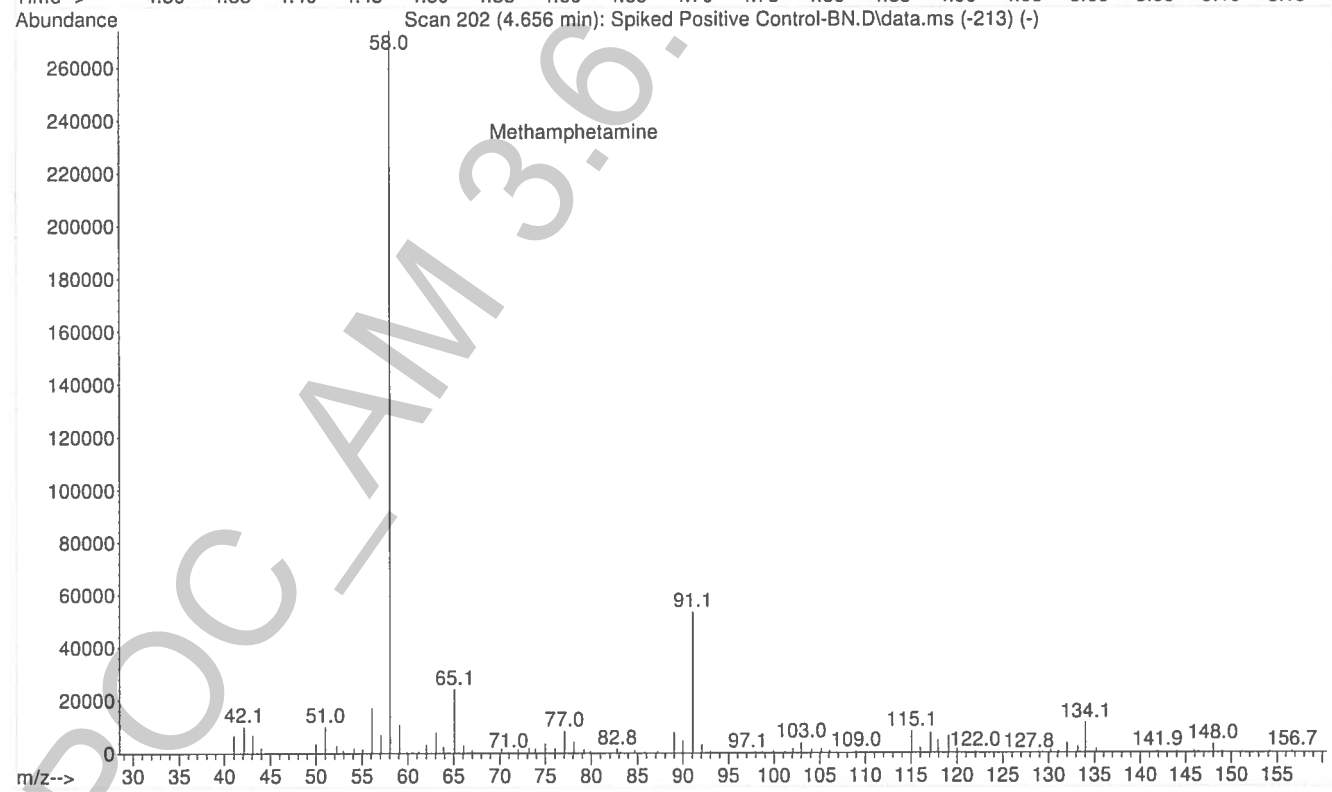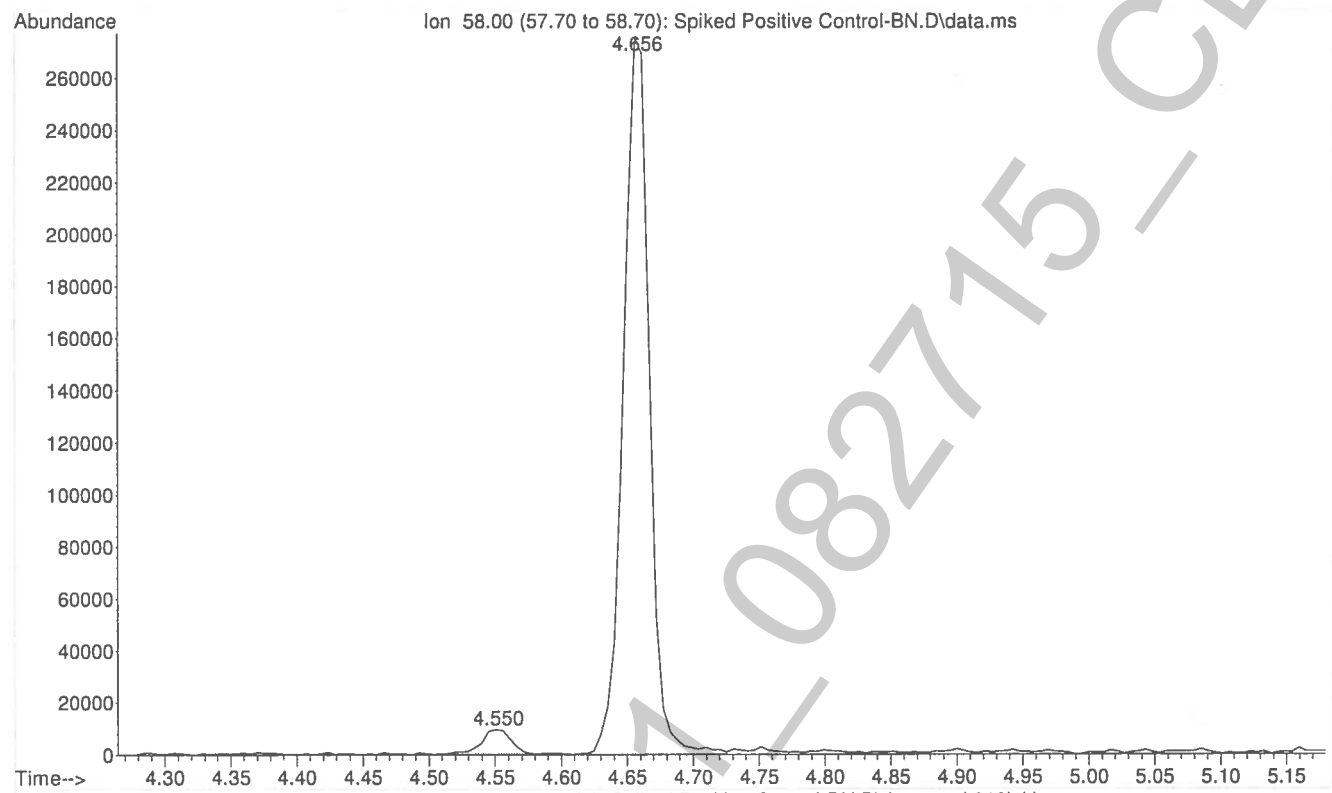
Abundance
Ion 338.00 (337.70 to 338.70): Spiked Positive Control-BN.D\data.ms

10.683

Time--> 10.10 10.20 10.30 10.40 10.50 10.60 10.70 10.80 10.90 11.00 11.10 11.20 11.30 11.40 11.50

Abundance
Scan 1340 (10.683 min): Spiked Positive Control-BN.D\data.ms (-1337) (-)

Papaverine ISTD (with background)

338.2
324.1
247.3
149.1
206.1
69.1
118.0
266.1
308.2
102.0
293.1
167.8
183.1
355.2
40.2
85.0
233.2
134.1

m/z--> 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Spiked Positive Control-BN.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 27 Aug 2015 16:06   using AcqMethod BNSB120510.M
Sample Name: Positive Control
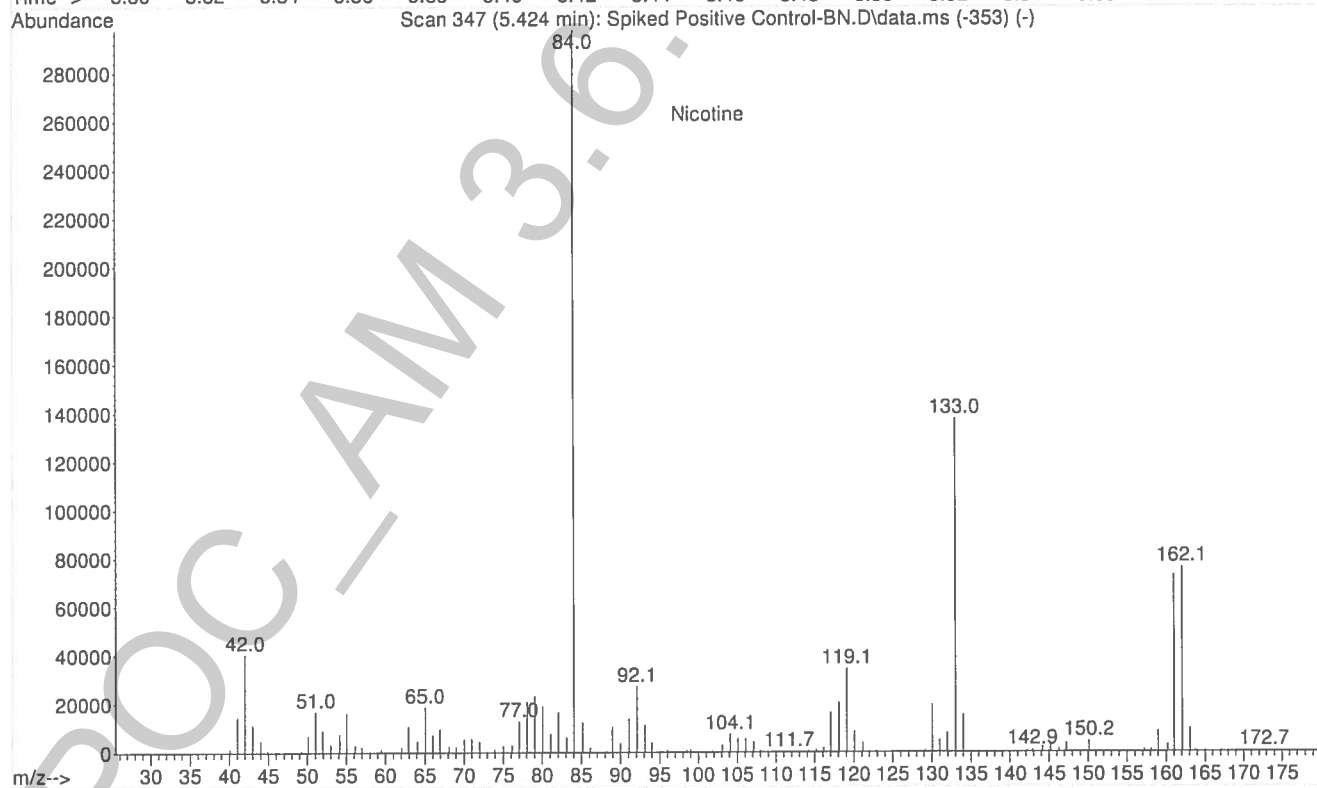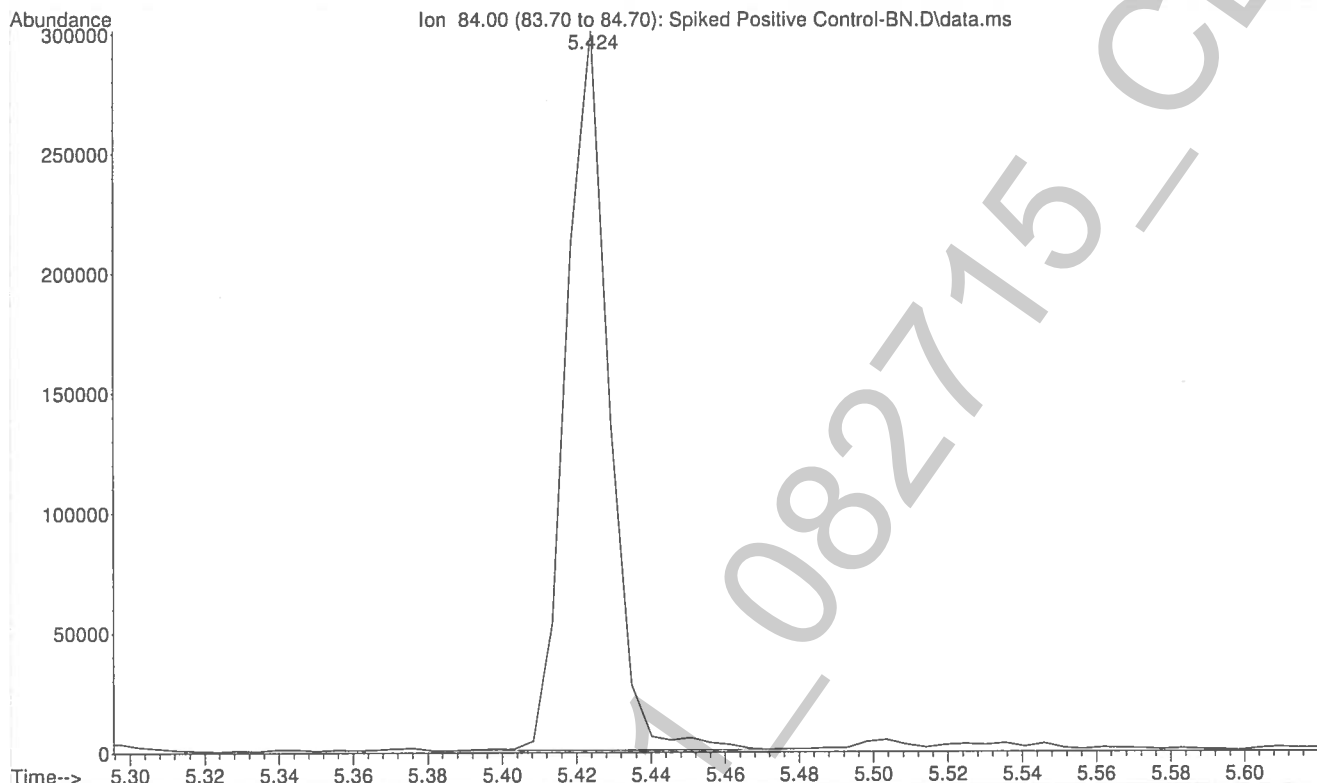Misc Info   : Analytical Method 3.6.1

Abundance   Ion 58.00 (57.70 to 58.70): Spiked Positive Control-BN.D\data.ms
                                                    4.656

260000

240000

220000

200000

180000

160000

140000

120000

100000

80000

60000

40000

20000   4.550

  0
Time--> 4.30 4.35 4.40 4.45 4.50 4.55 4.60 4.65 4.70 4.75 4.80 4.85 4.90 4.95 5.00 5.05 5.10 5.15

Abundance   Scan 202 (4.656 min): Spiked Positive Control-BN.D\data.ms (-213) (-)
                              58.0

260000

240000   Methamphetamine

220000

200000

180000

160000

140000

120000

100000

80000

60000   91.1

40000

20000   42.1   51.0   65.1   77.0   134.1
                                   71.0   82.8   97.1 103.0 109.0 115.1 122.0 127.8   141.9 148.0   156.7
  0
m/z--> 30 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155

```
File        :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...          \Spiked Positive Control-BN.D
Operator    : ISP\datastor
Instrument :    Major Mass Spec
Acquired   : 27 Aug 2015  16:06      using AcqMethod BNSB120510.M
Sample Name: Positive Control
Misc Info  : Analytical Method 3.6.1
```
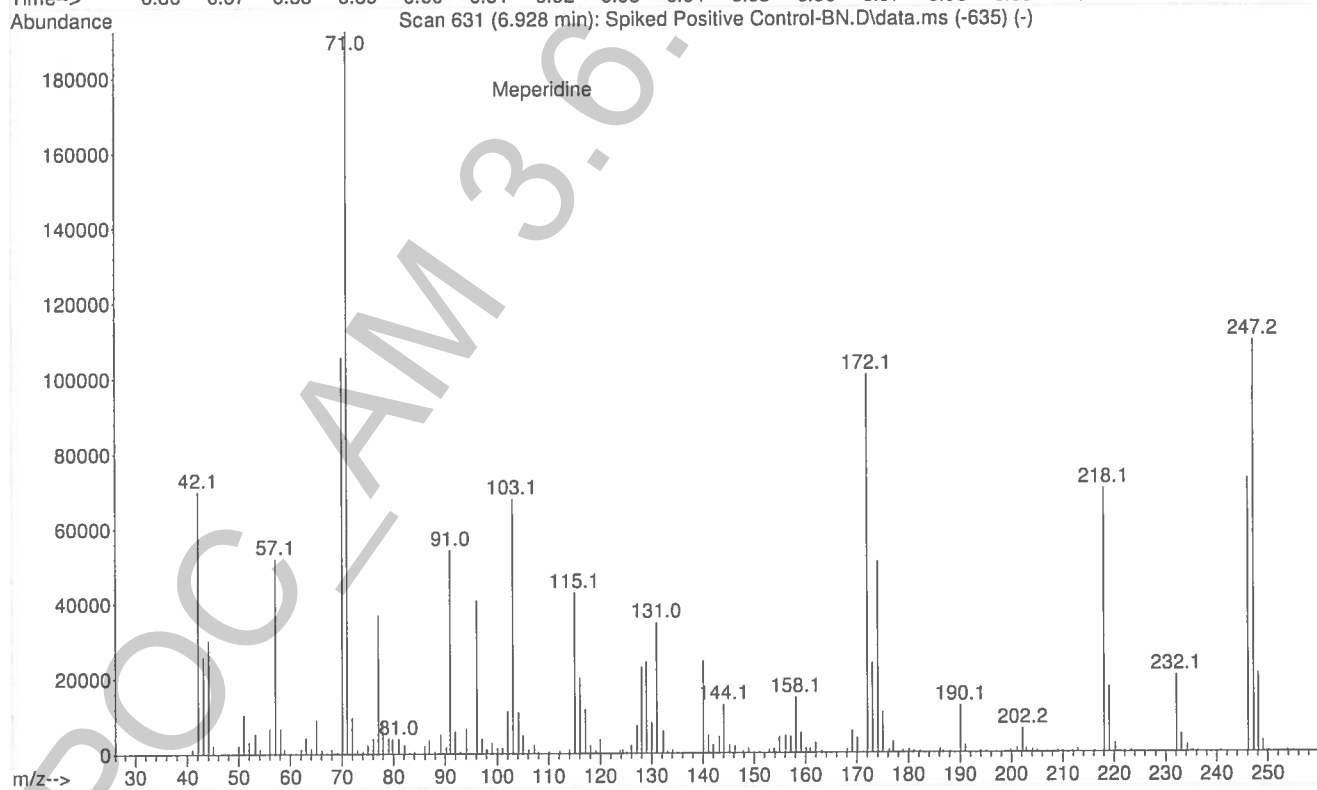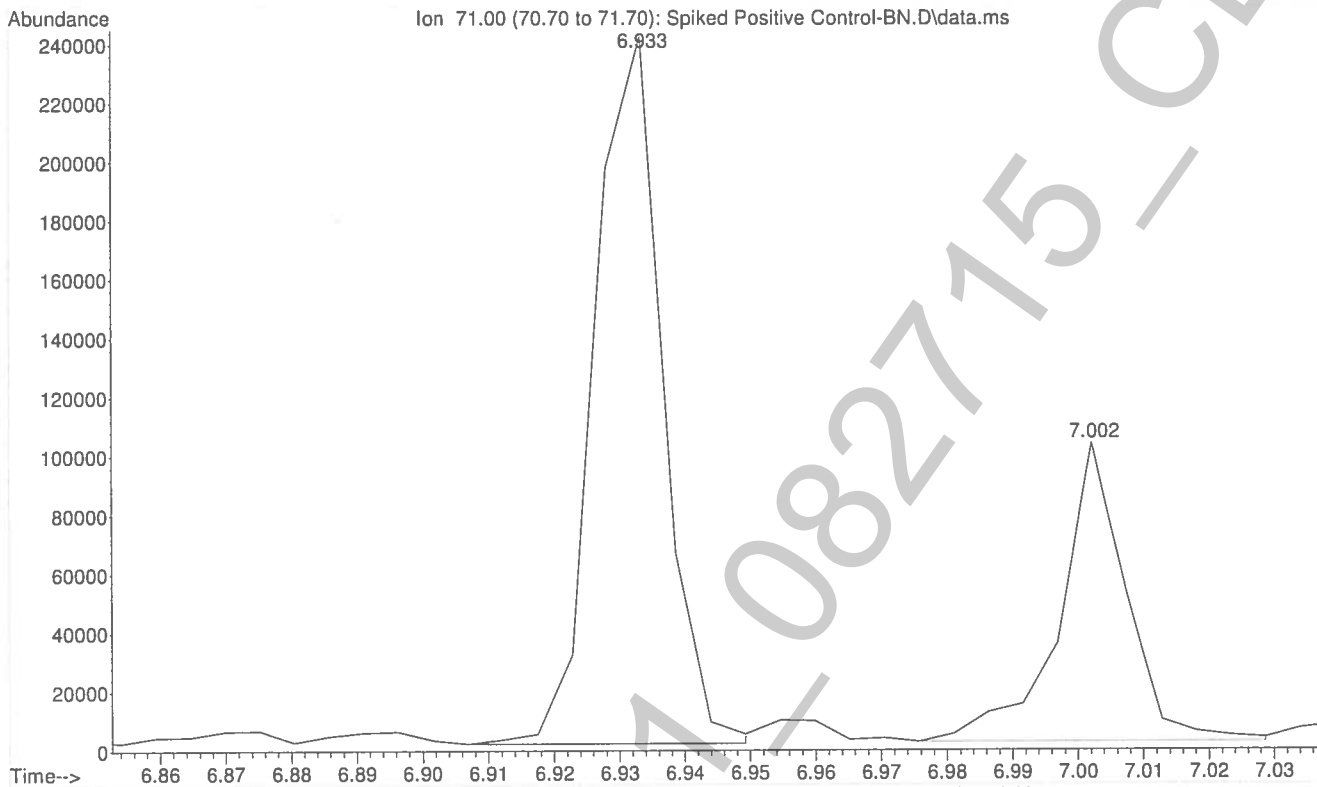
Abundance   Ion 84.00 (83.70 to 84.70): Spiked Positive Control-BN.D\data.ms

Abundance   Scan 347 (5.424 min): Spiked Positive Control-BN.D\data.ms (-353) (-)

Nicotine

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Spiked Positive Control-BN.D
Operator : ISP\datastor
Instrument :   Major Mass Spec
Acquired : 27 Aug 2015 16:06   using AcqMethod BNSB120510.M
Sample Name: Positive Control
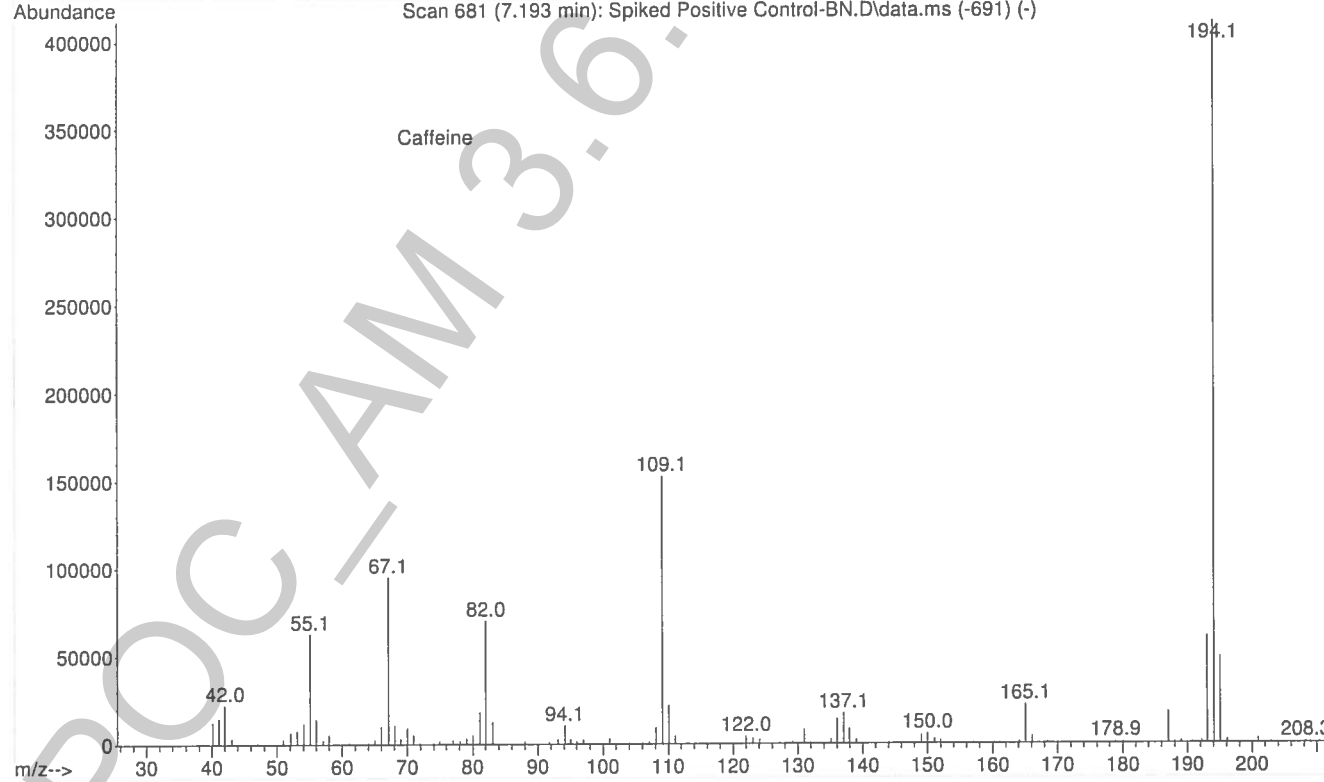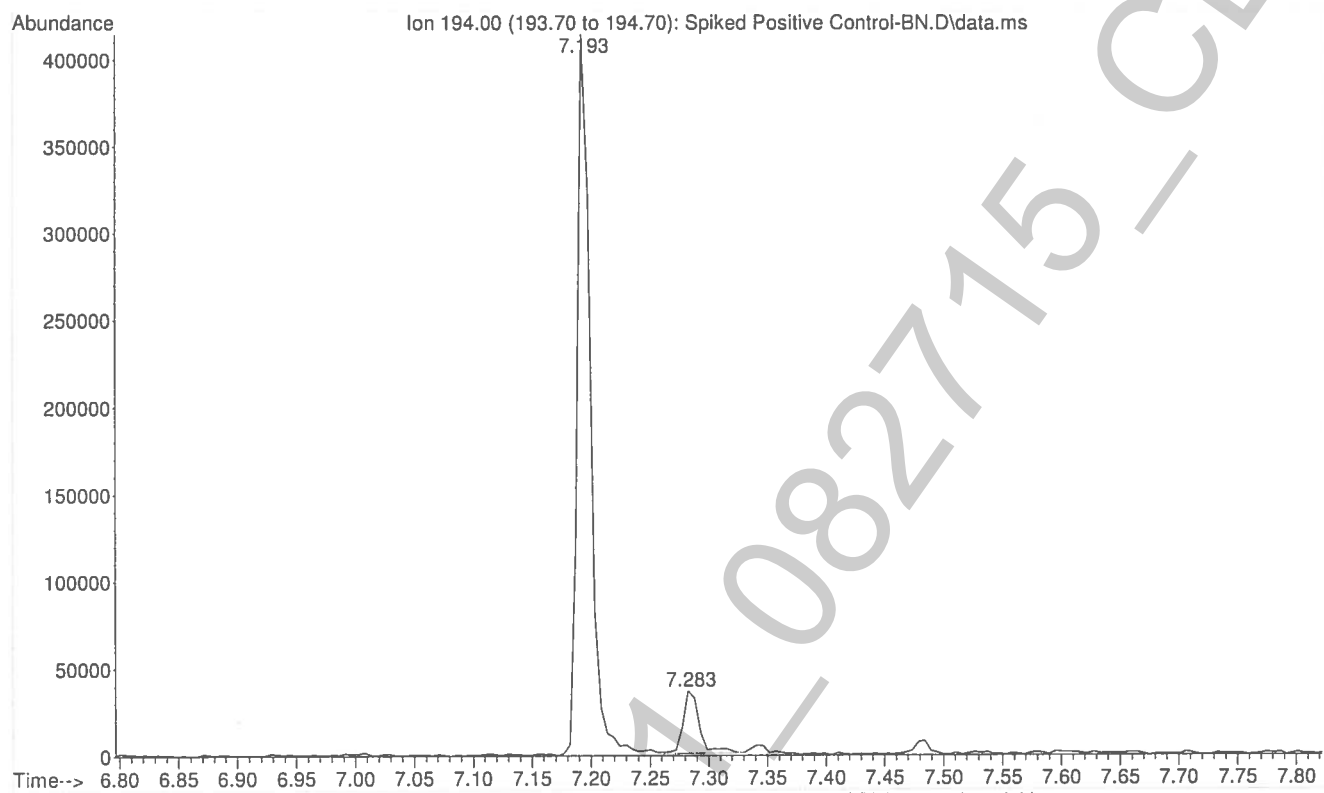Misc Info : Analytical Method 3.6.1

Ion 71.00 (70.70 to 71.70): Spiked Positive Control-BN.D\data.ms

Scan 631 (6.928 min): Spiked Positive Control-BN.D\data.ms (-635) (-)

Meperidine

```
File      :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...        \Spiked Positive Control-BN.D
Operator  : ISP\datastor
Instrument :    Major Mass Spec
Acquired  : 27 Aug 2015  16:06    using AcqMethod BNSB120510.M
Sample Name: Positive Control
Misc Info : Analytical Method 3.6.1
```
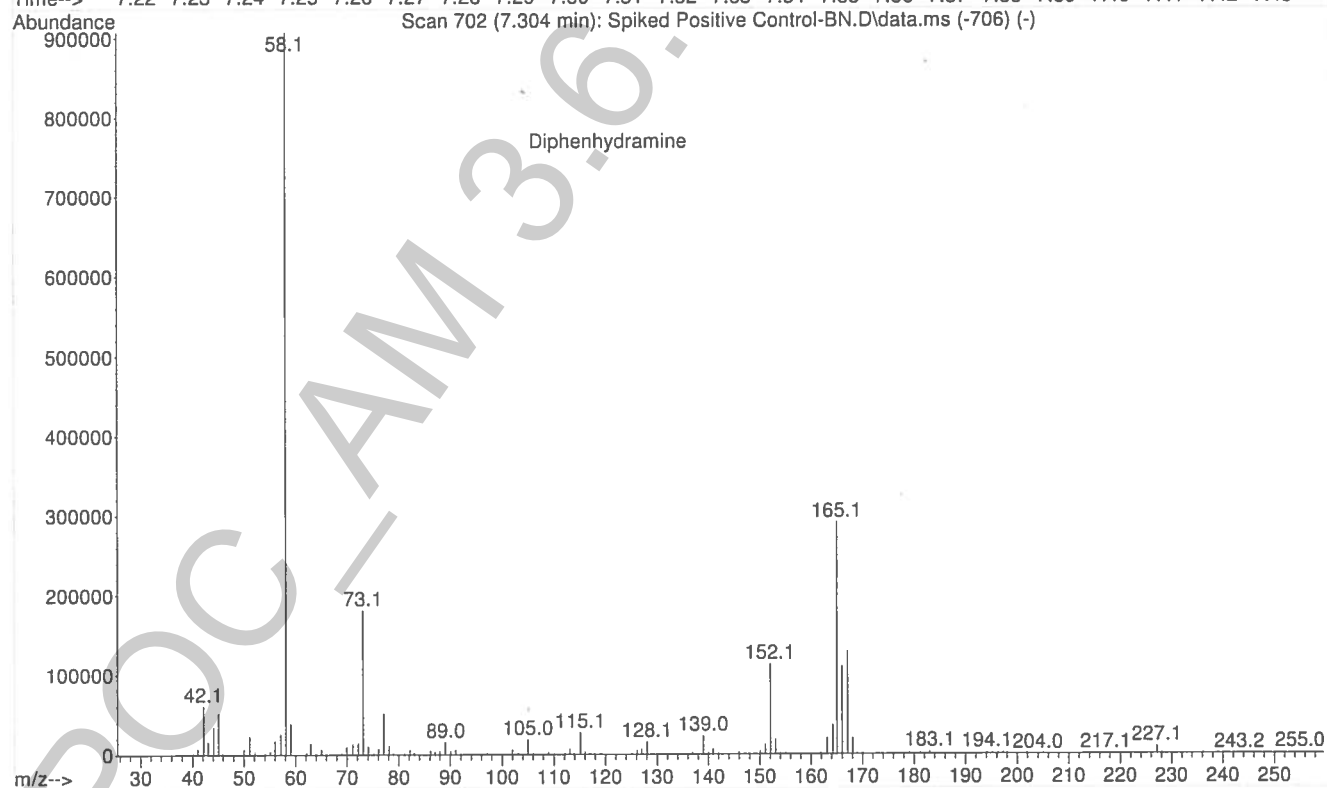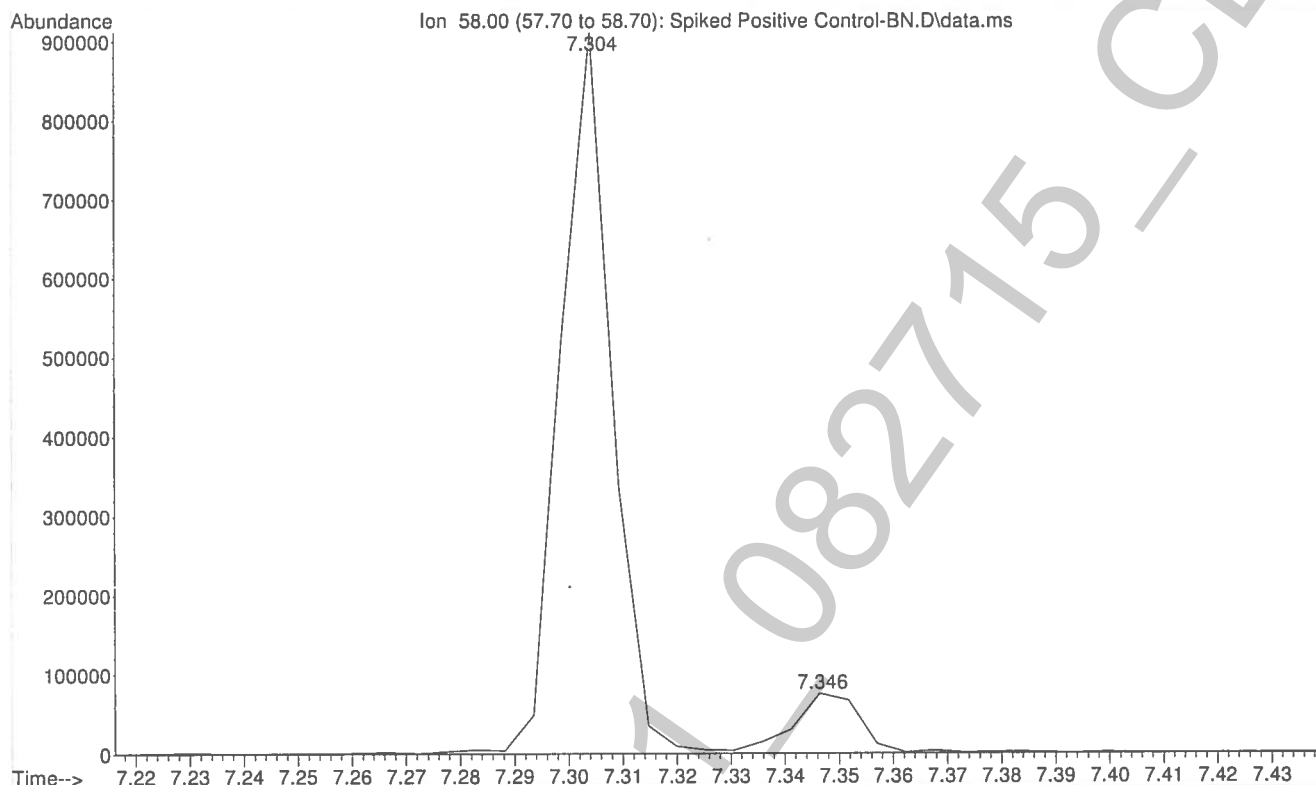
Abundance

Ion 194.00 (193.70 to 194.70): Spiked Positive Control-BN.D\data.ms

7.193

7.283

Time--> 6.80 6.85 6.90 6.95 7.00 7.05 7.10 7.15 7.20 7.25 7.30 7.35 7.40 7.45 7.50 7.55 7.60 7.65 7.70 7.75 7.80

Abundance

Scan 681 (7.193 min): Spiked Positive Control-BN.D\data.ms (-691) (-)

194.1

Caffeine

109.1

67.1

55.1

82.0

42.0

94.1

122.0

137.1

150.0

165.1

178.9

208.3

m/z--> 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Spiked Positive Control-BN.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 27 Aug 2015 16:06   using AcqMethod BNSB120510.M
Sample Name: Positive Control
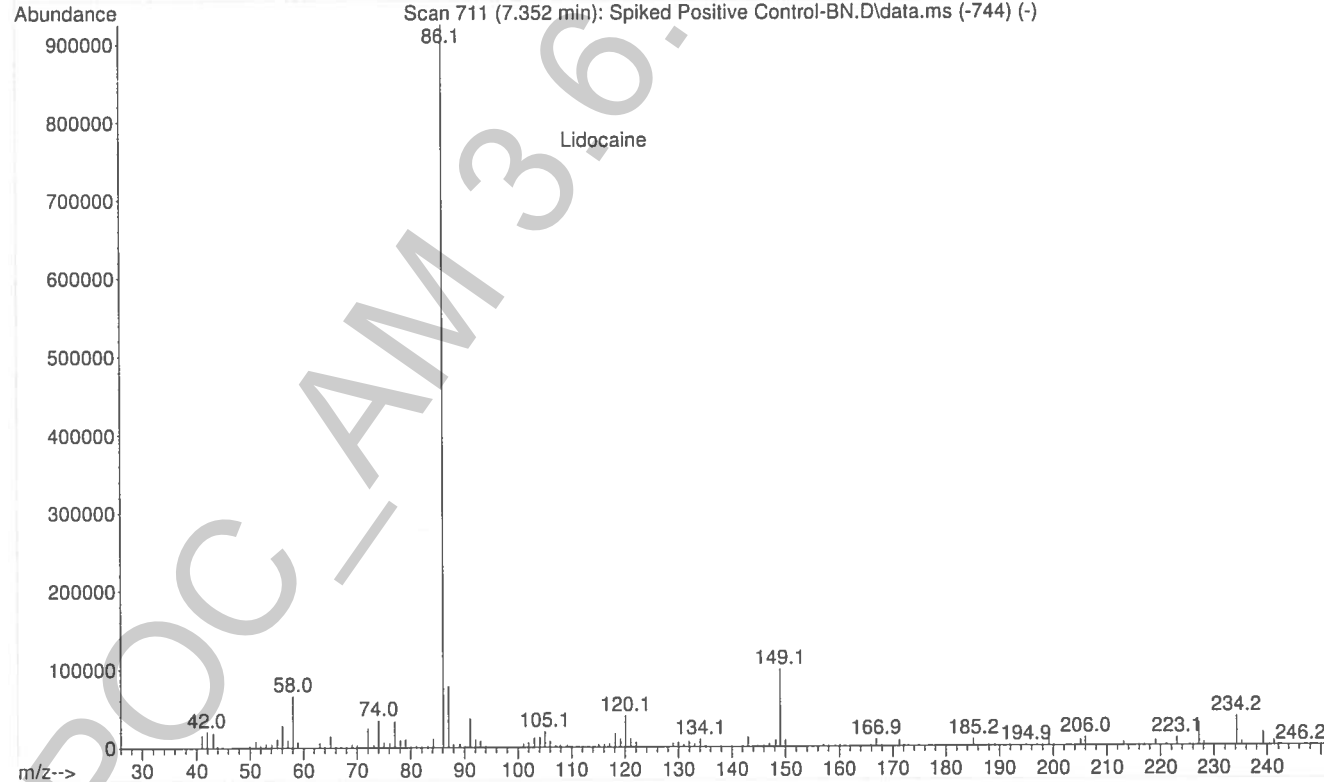Misc Info   : Analytical Method 3.6.1

Ion 58.00 (57.70 to 58.70): Spiked Positive Control-BN.D\data.ms

Scan 702 (7.304 min): Spiked Positive Control-BN.D\data.ms (-706) (-)

Diphenhydramine

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Spiked Positive Control-BN.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 27 Aug 2015 16:06   using AcqMethod BNSB120510.M
Sample Name: Positive Control
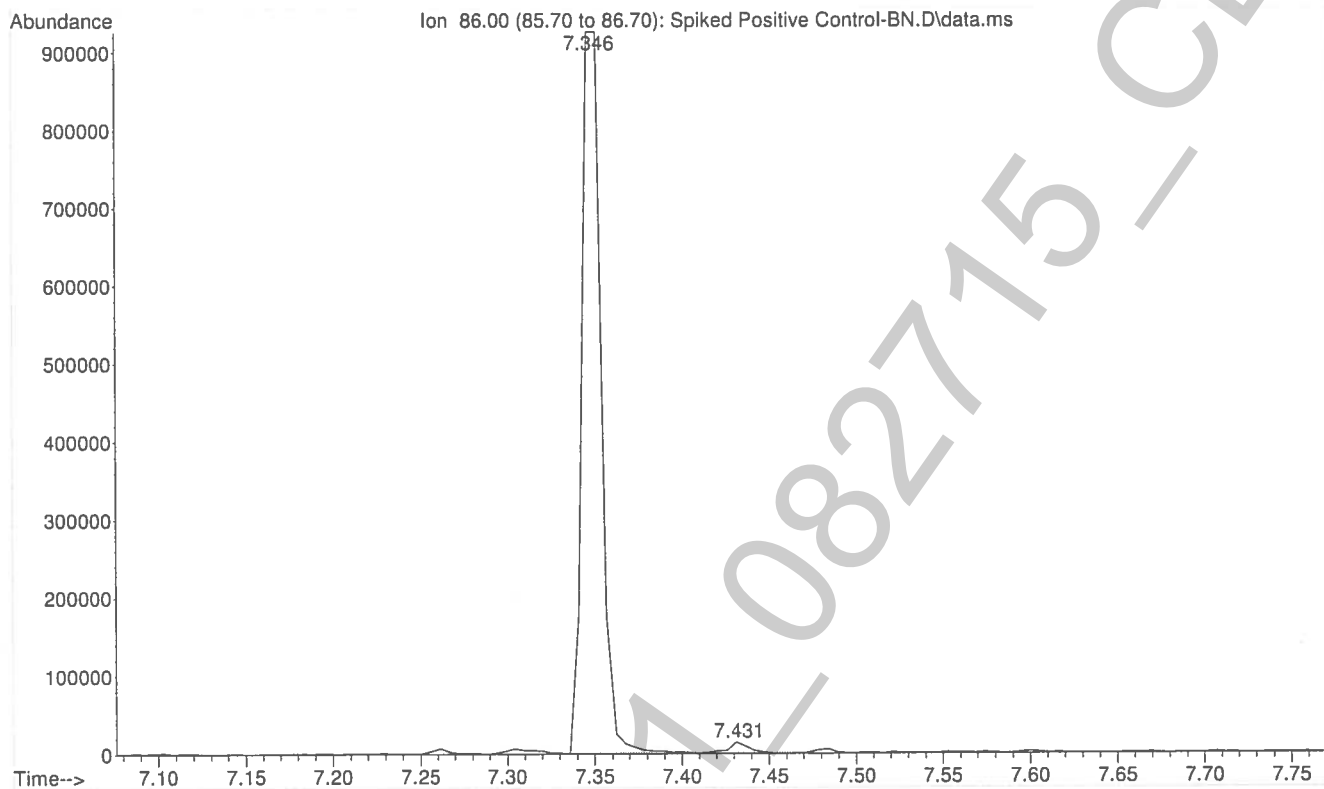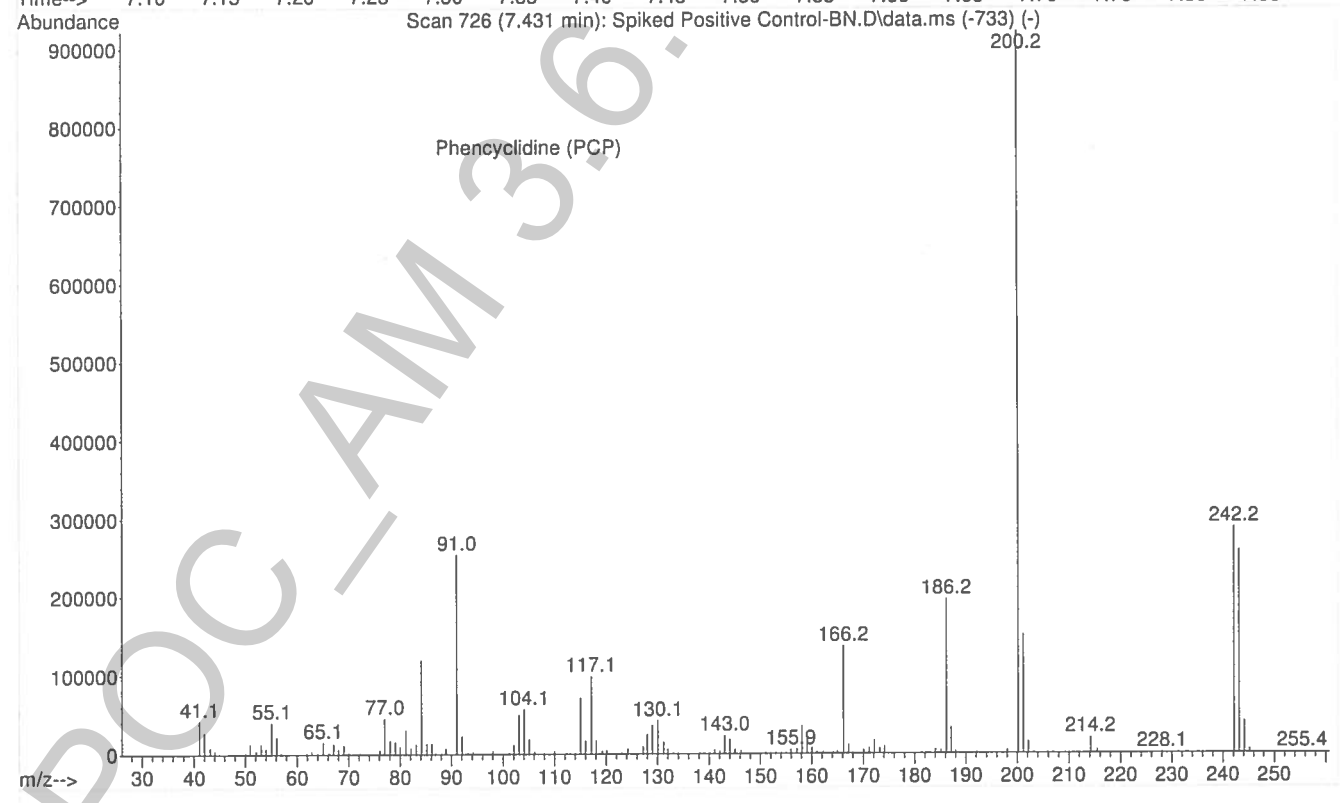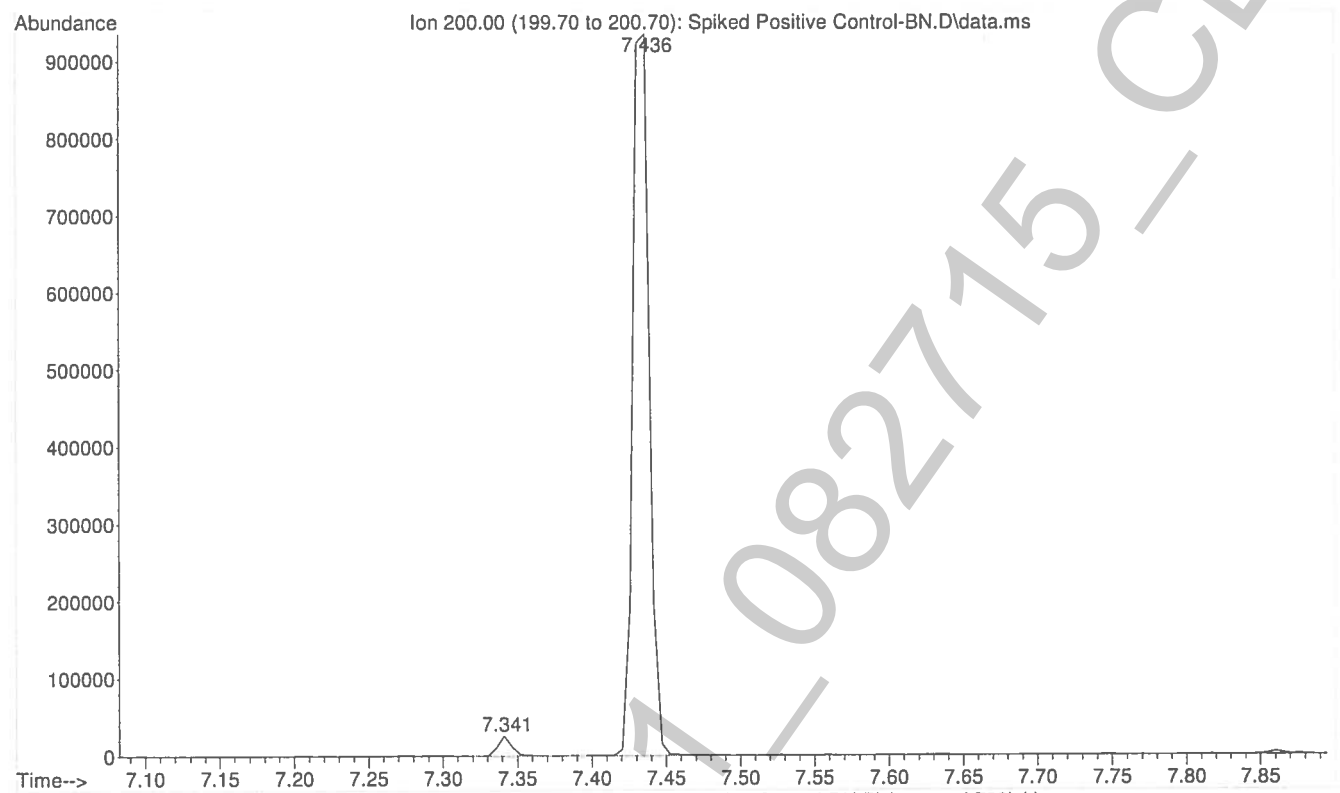Misc Info : Analytical Method 3.6.1

Abundance   Ion 86.00 (85.70 to 86.70): Spiked Positive Control-BN.D\data.ms
                                                 7.346
900000

800000

700000

600000

500000

400000

300000

200000

100000

                                                         7.431
       0
Time-->   7.10 7.15 7.20 7.25 7.30 7.35 7.40 7.45 7.50 7.55 7.60 7.65 7.70 7.75

Abundance   Scan 711 (7.352 min): Spiked Positive Control-BN.D\data.ms (-744) (-)
                             86.1
900000

800000   Lidocaine

700000

600000

500000

400000

300000

200000

100000   149.1
              58.0
           42.0   74.0   105.1 120.1   134.1   166.9   185.2 194.9 206.0   223.1 234.2   246.2
       0
m/z-->   30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Spiked Positive Control-BN.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 27 Aug 2015 16:06   using AcqMethod BNSB120510.M
Sample Name: Positive Control
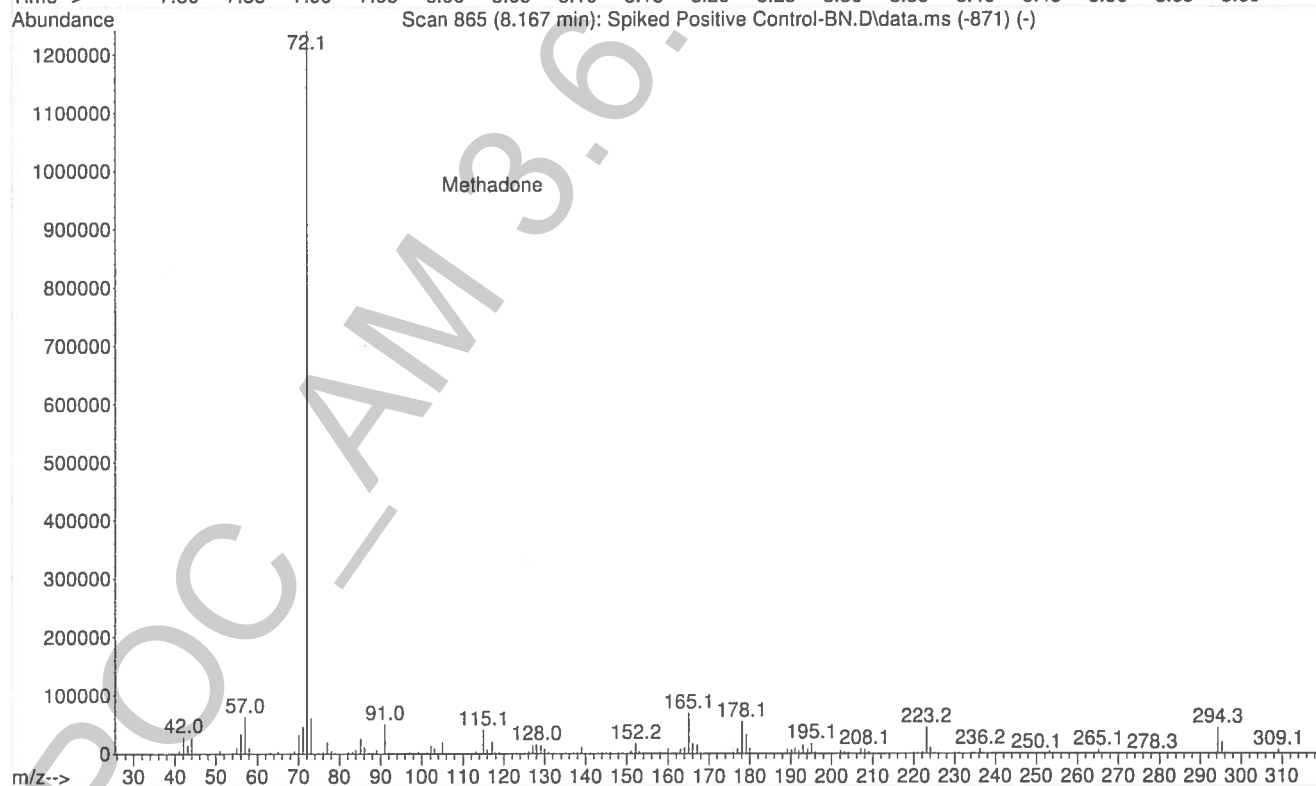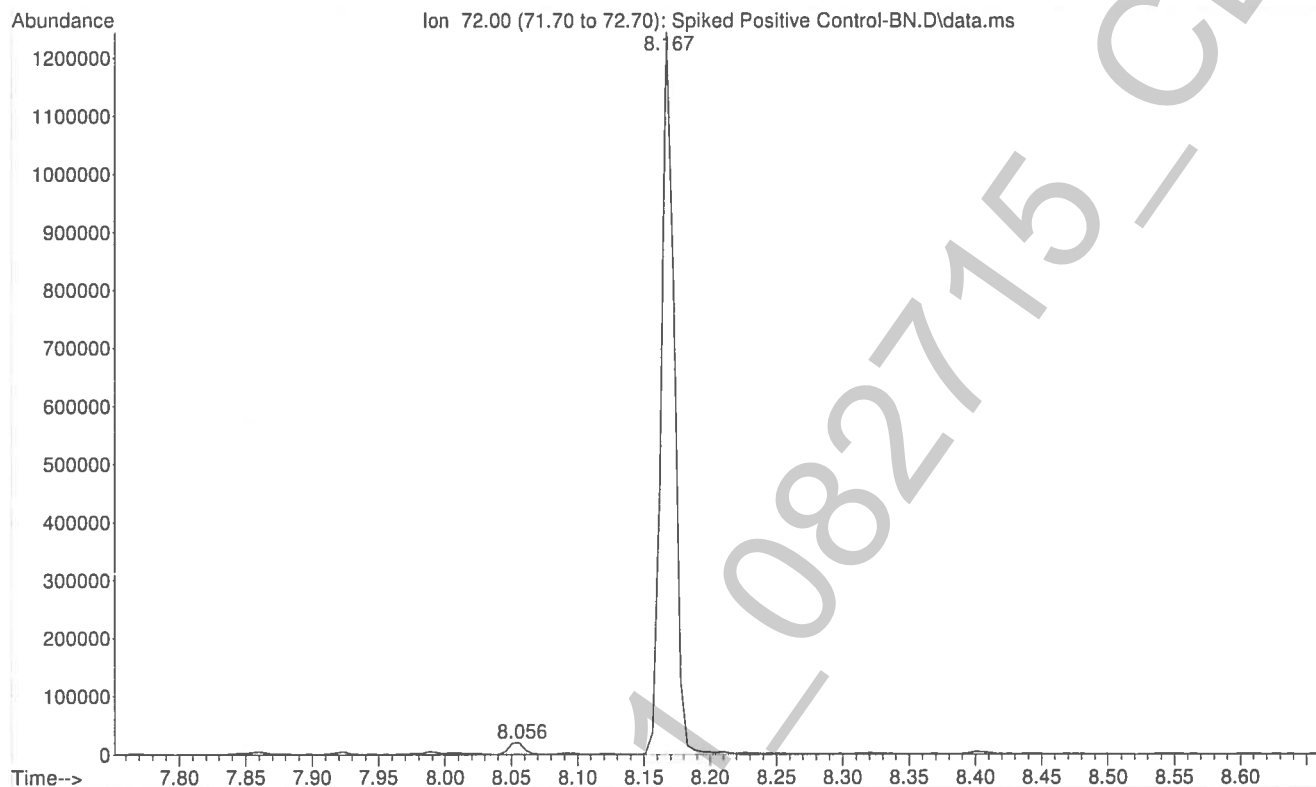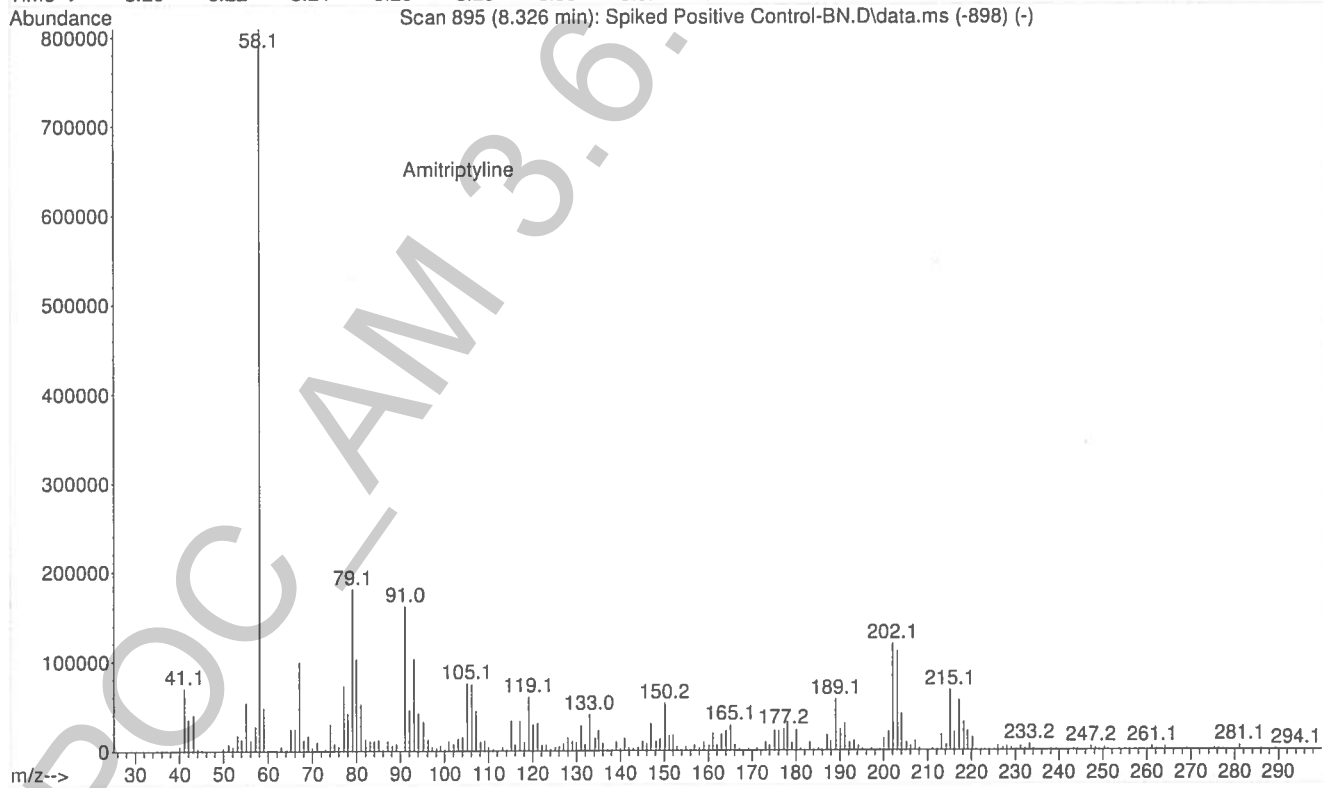Misc Info : Analytical Method 3.6.1

Abundance   Ion 200.00 (199.70 to 200.70): Spiked Positive Control-BN.D\data.ms
                                                        7.436

Time-->   7.10 7.15 7.20 7.25 7.30 7.35 7.40 7.45 7.50 7.55 7.60 7.65 7.70 7.75 7.80 7.85

Abundance   Scan 726 (7.431 min): Spiked Positive Control-BN.D\data.ms (-733) (-)
                                                                                        200.2

Phencyclidine (PCP)

                                                                                                242.2

                                                                        186.2

                                    91.0   166.2

                                              117.1

                                    104.1
                            77.0   130.1
            41.1   55.1   143.0   214.2
                         65.1   155.9   228.1   255.4

m/z-->   30   40   50   60   70   80   90   100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Spiked Positive Control-BN.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 27 Aug 2015 16:06   using AcqMethod BNSB120510.M
Sample Name: Positive Control
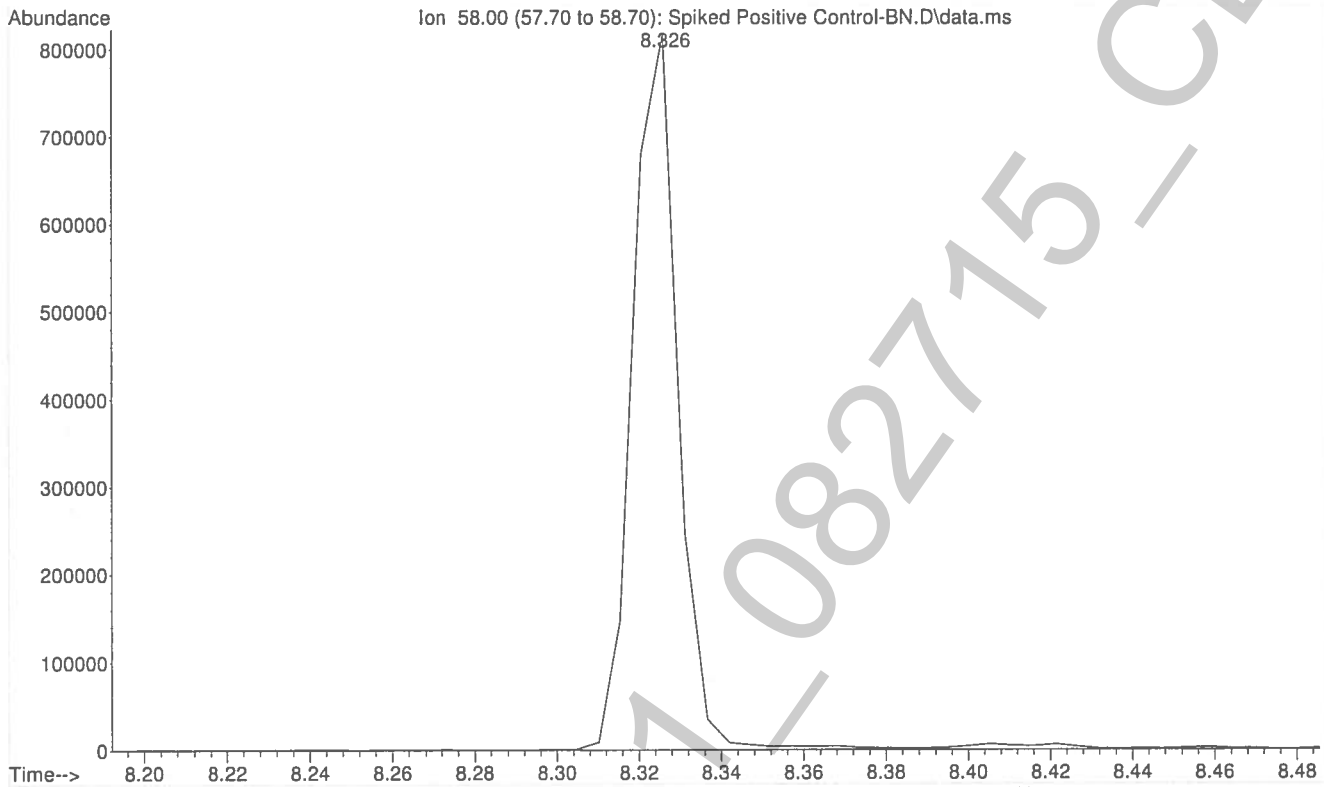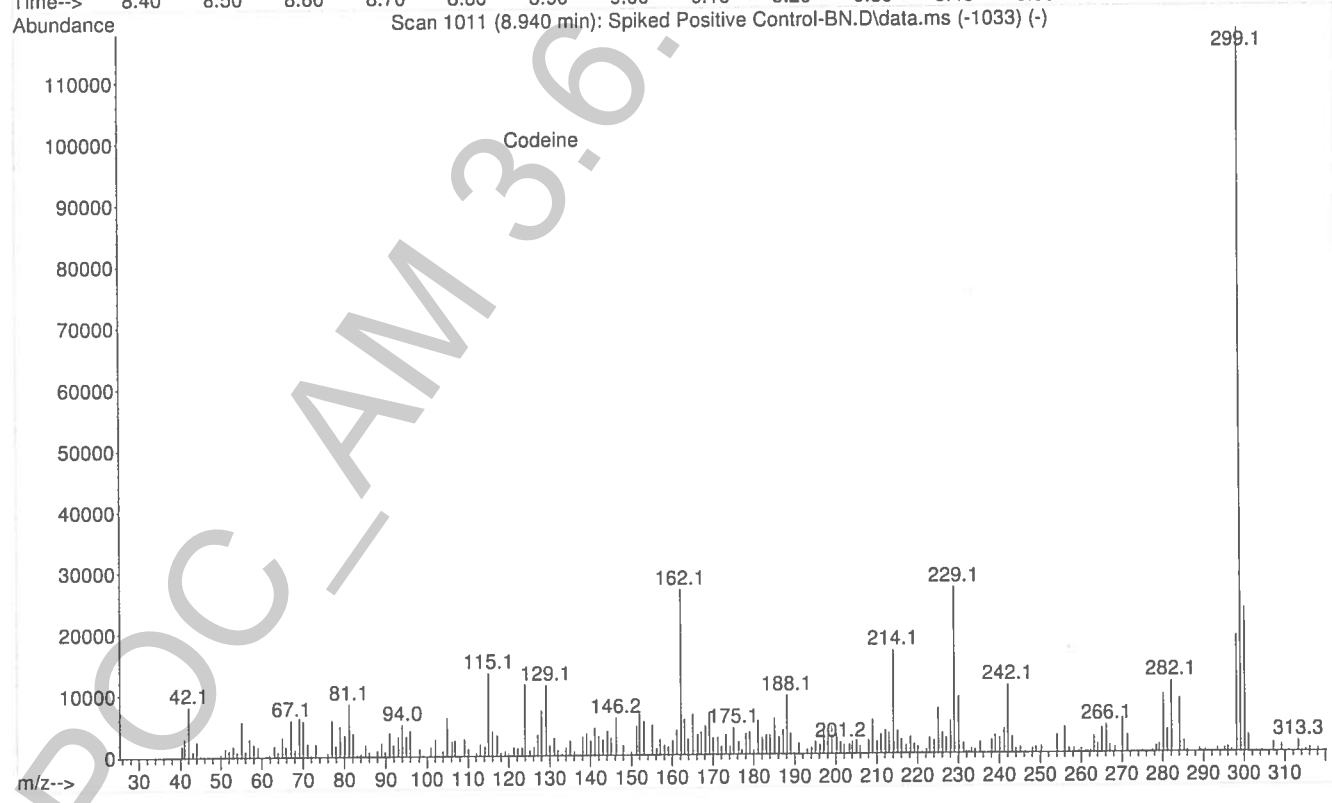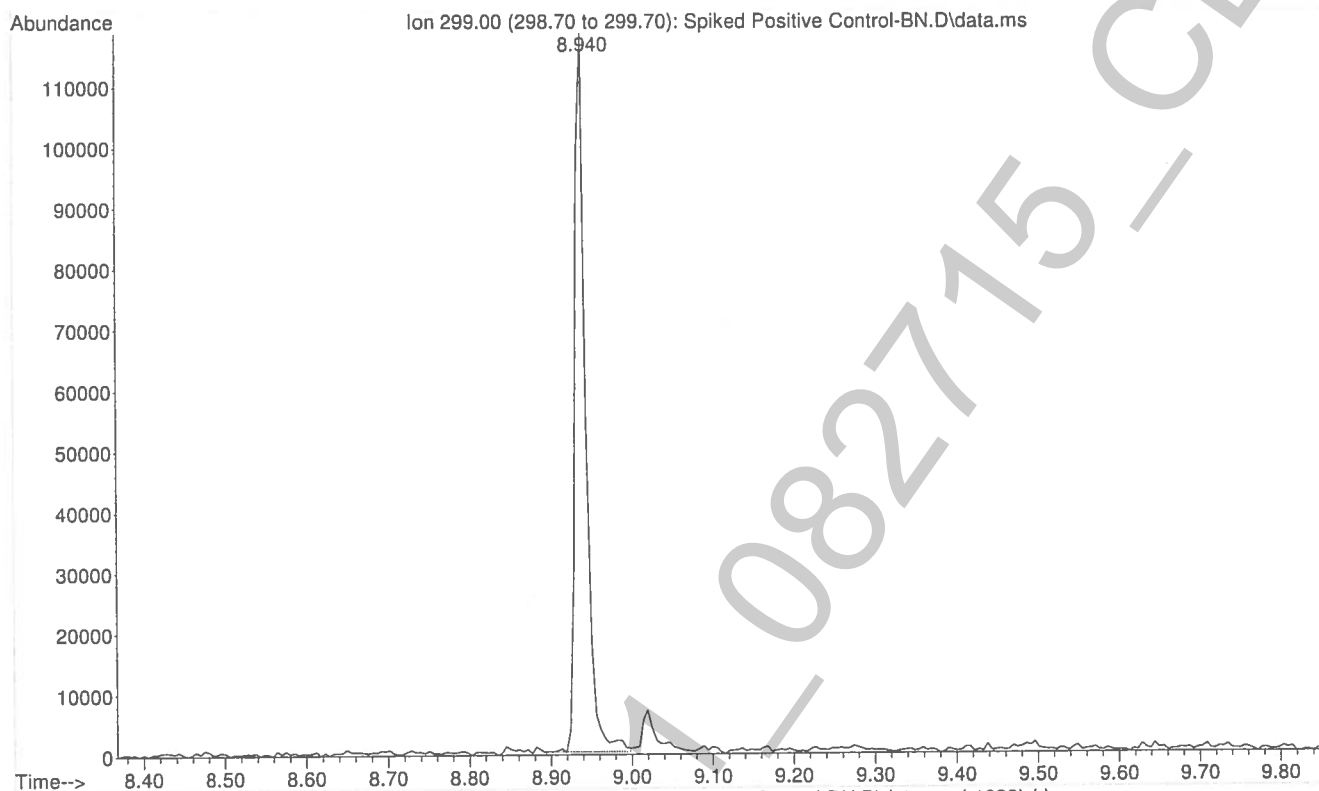Misc Info : Analytical Method 3.6.1

Abundance | Ion 72.00 (71.70 to 72.70): Spiked Positive Control-BN.D\data.ms

8.167

8.056

Time--> 7.80 7.85 7.90 7.95 8.00 8.05 8.10 8.15 8.20 8.25 8.30 8.35 8.40 8.45 8.50 8.55 8.60

Abundance | Scan 865 (8.167 min): Spiked Positive Control-BN.D\data.ms (-871) (-)

72.1

Methadone

42.0 57.0 91.0 115.1 128.0 152.2 165.1 178.1 195.1 208.1 223.2 236.2 250.1 265.1 278.3 294.3 309.1

m/z--> 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Spiked Positive Control-BN.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 27 Aug 2015 16:06   using AcqMethod BNSB120510.M
Sample Name: Positive Control
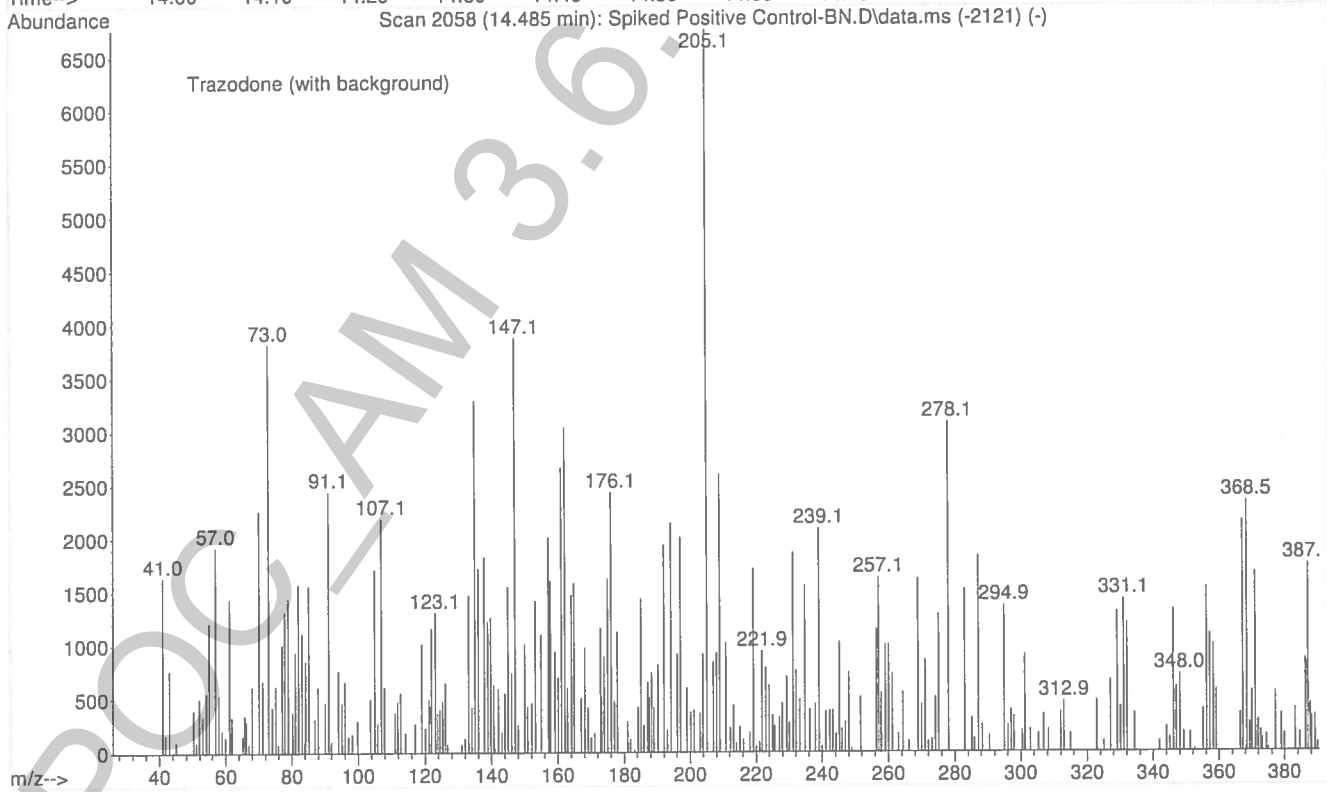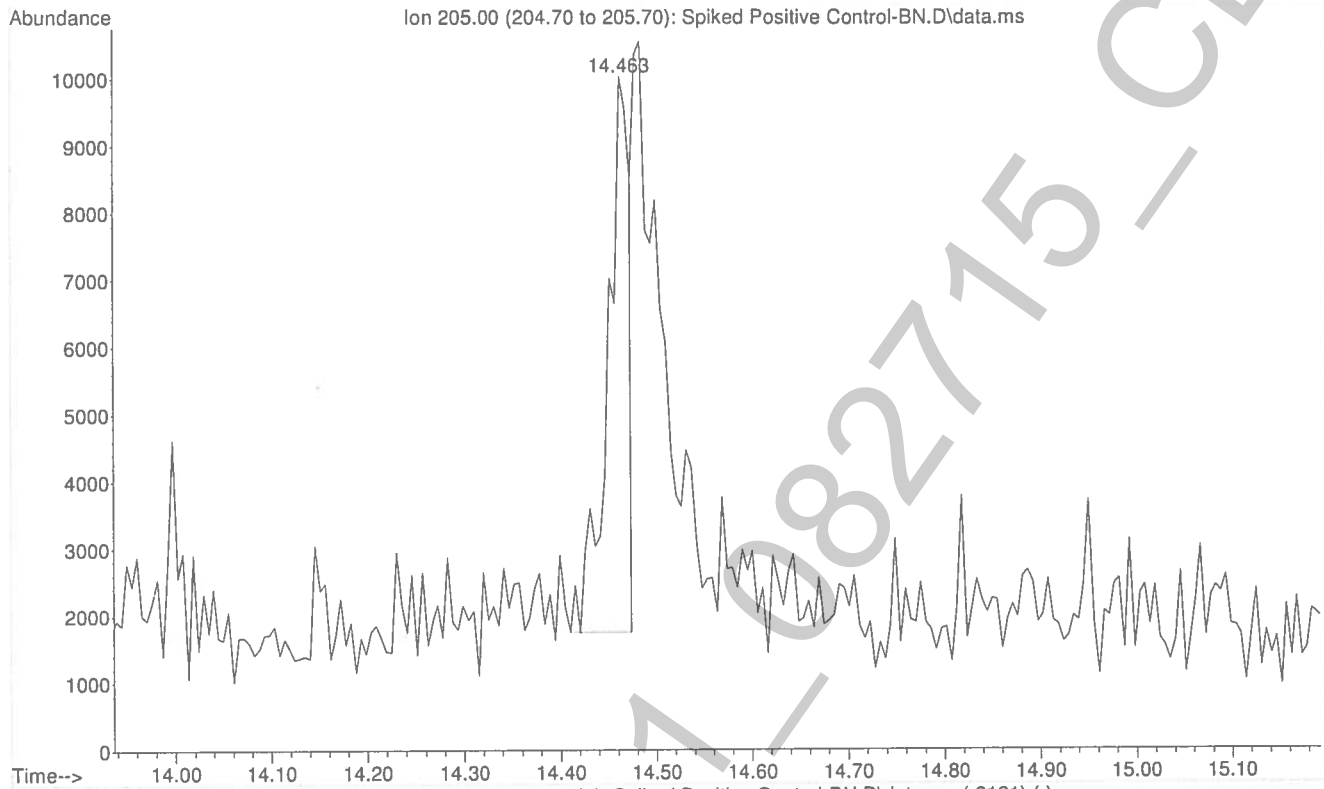Misc Info   : Analytical Method 3.6.1

Ion 58.00 (57.70 to 58.70): Spiked Positive Control-BN.D\data.ms

Scan 895 (8.326 min): Spiked Positive Control-BN.D\data.ms (-898) (-)

Amitriptyline

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Spiked Positive Control-BN.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 27 Aug 2015 16:06   using AcqMethod BNSB120510.M
Sample Name: Positive Control
Misc Info : Analytical Method 3.6.1

Ion 299.00 (298.70 to 299.70): Spiked Positive Control-BN.D\data.ms

Scan 1011 (8.940 min): Spiked Positive Control-BN.D\data.ms (-1033) (-)

Codeine

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Spiked Positive Control-BN.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 27 Aug 2015 16:06   using AcqMethod BNSB120510.M
Sample Name: Positive Control
Misc Info : Analytical Method 3.6.1

Ion 205.00 (204.70 to 205.70): Spiked Positive Control-BN.D\data.ms

Abundance

14.463

Scan 2058 (14.485 min): Spiked Positive Control-BN.D\data.ms (-2121) (-)

Abundance

Trazodone (with background)

205.1

73.0

147.1

278.1

368.5

387.

91.1

176.1

239.1

331.1

107.1

257.1

57.0

294.9

41.0

123.1

221.9

348.0

312.9

m/z-->

Analytical Method ☑3.6.1 & ☐3.6.7 QA Check List _____

Run Start Date: ___08/27/15_____   **Analyst:** ___CS_____

(Long GC/MS temperature program)

Positive Control Compound List

- ☑ Methamphetamine
- ☑ Nicotine
- ☑ Meperidine
- ☑ Caffeine
- ☑ Diphenhydramine
- ☑ Lidocaine
- ☑ PCP
- ☑ Methadone
- ☑ Amitriptyline
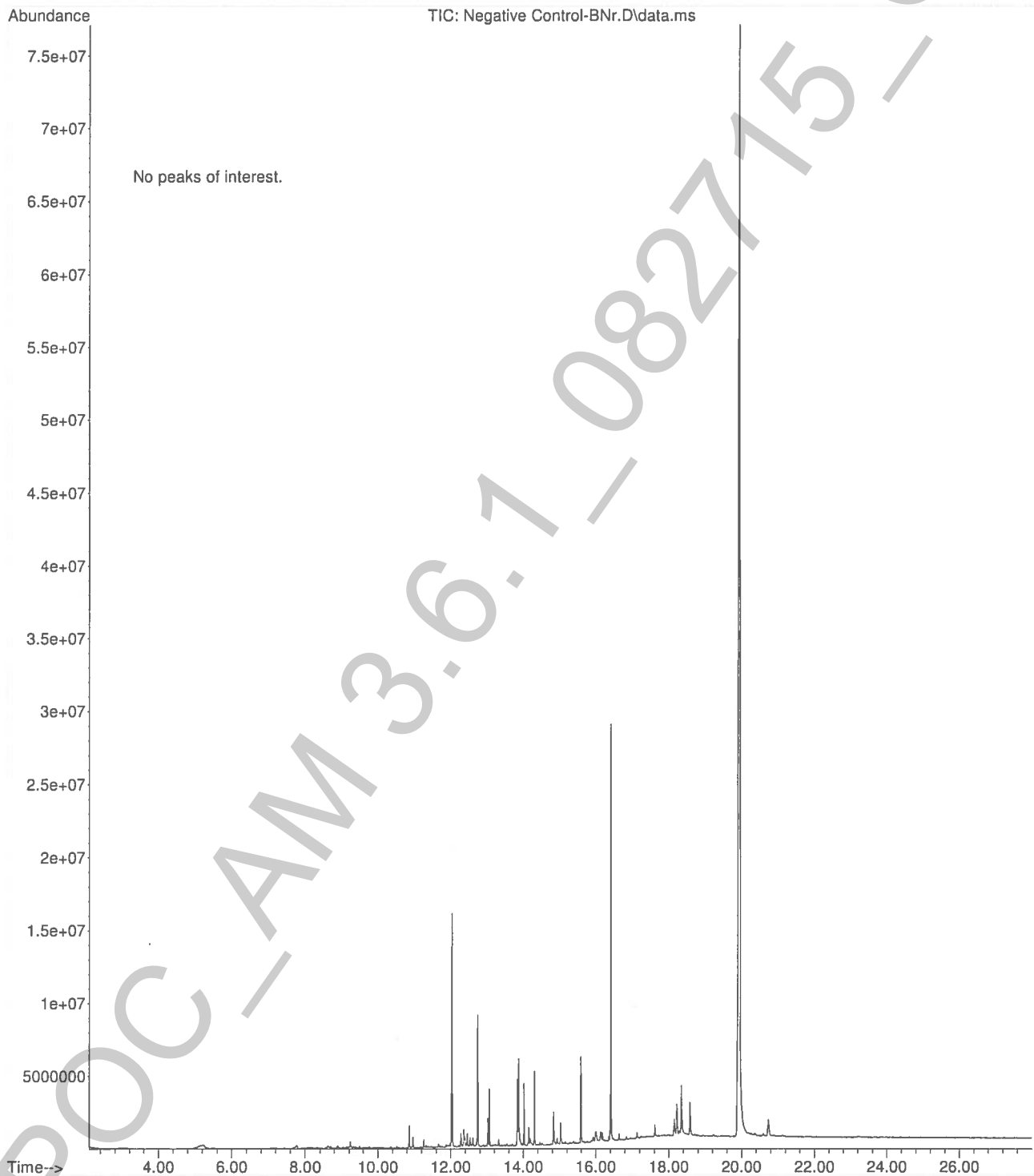- ☑ Codeine
- ☑ Trazodone

Internal Standards

- ☑ Benzphetamine
- ☑ Papaverine

Optional back extraction **not** performed.
Reconstituted in MeOH.

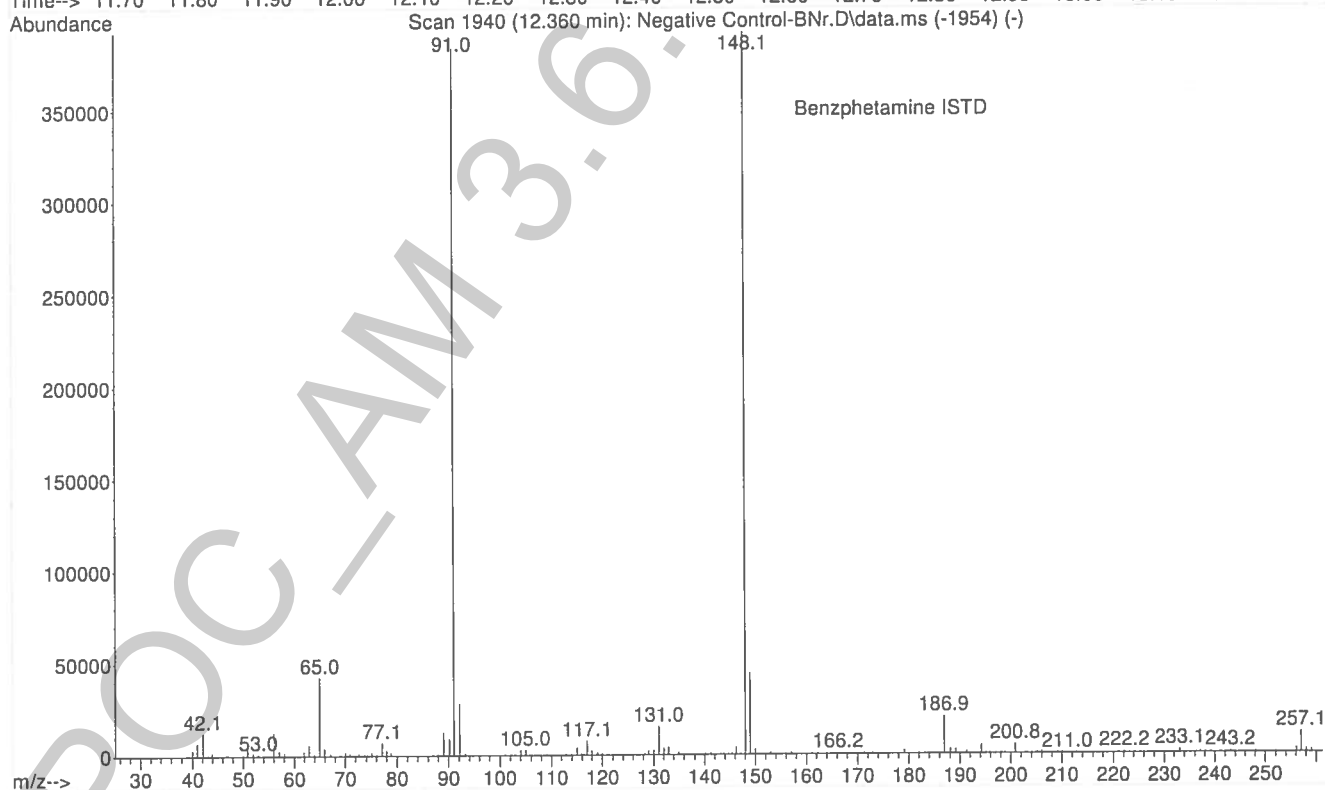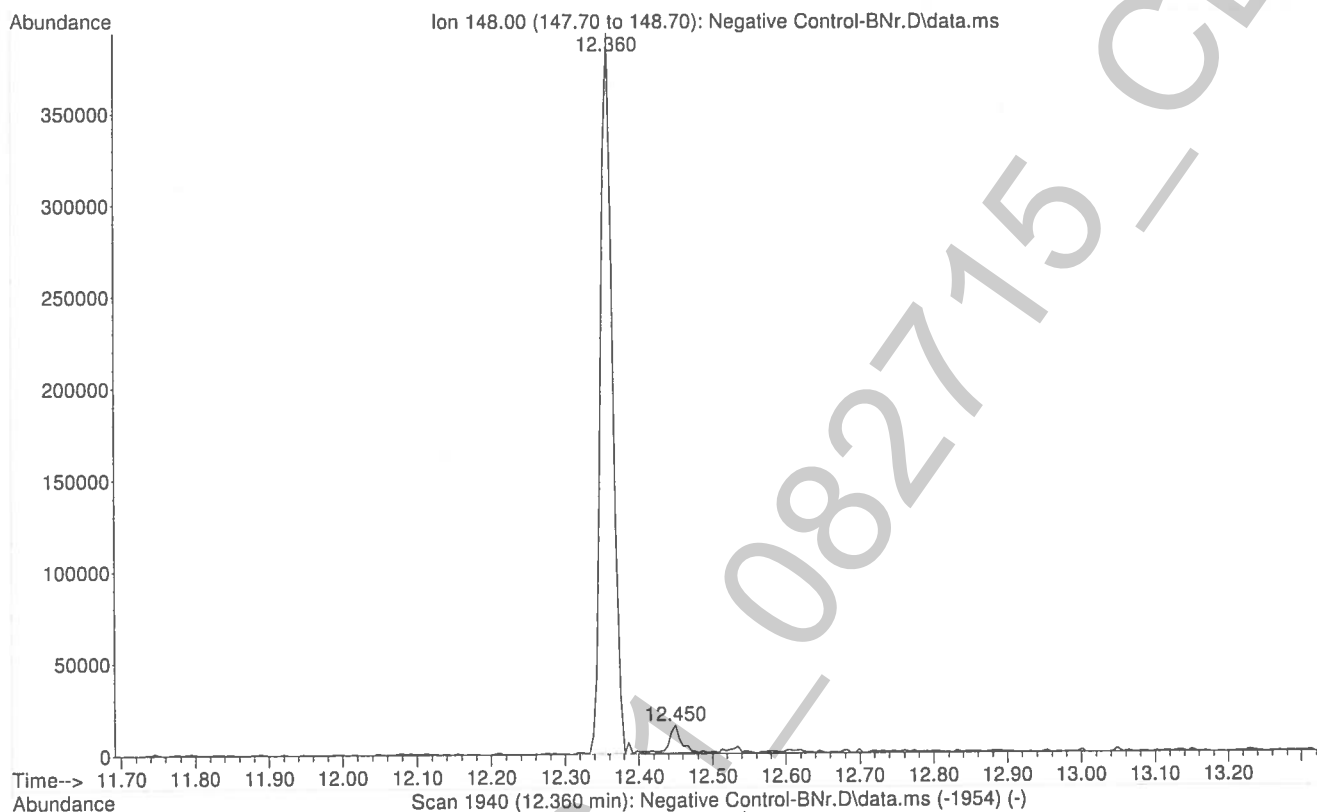An additional control containing phentermine and methamphetamine was extracted on 9-4-15. CS

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Negative Control-BNr.D
Operator : ISP\datastor
Instrument :   Major Mass Spec
Acquired : 27 Aug 2015 17:26   using AcqMethod GBT092509-Delta EMV.M
Sample Name: Negative Control – Utak Lot B0689
Misc Info : Analytical Method 3.6.1

Abundance   TIC: Negative Control-BNr.D\data.ms
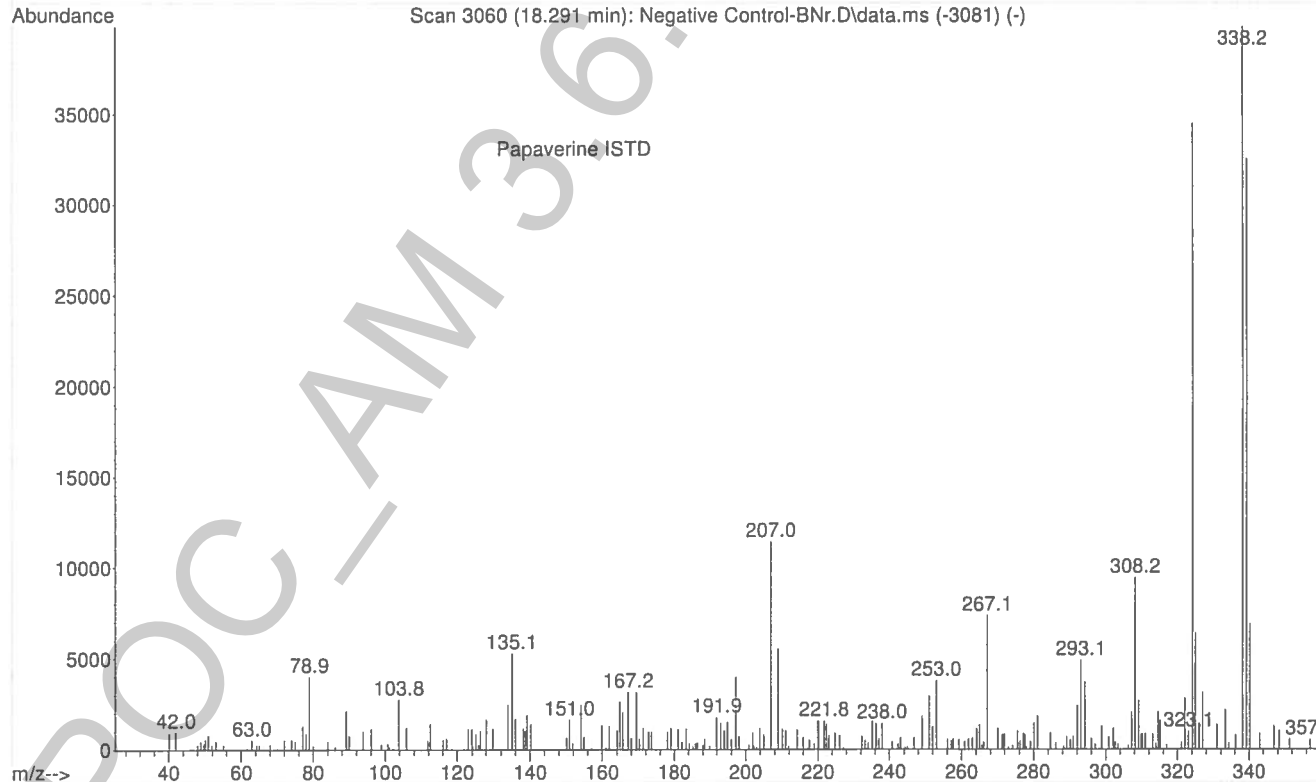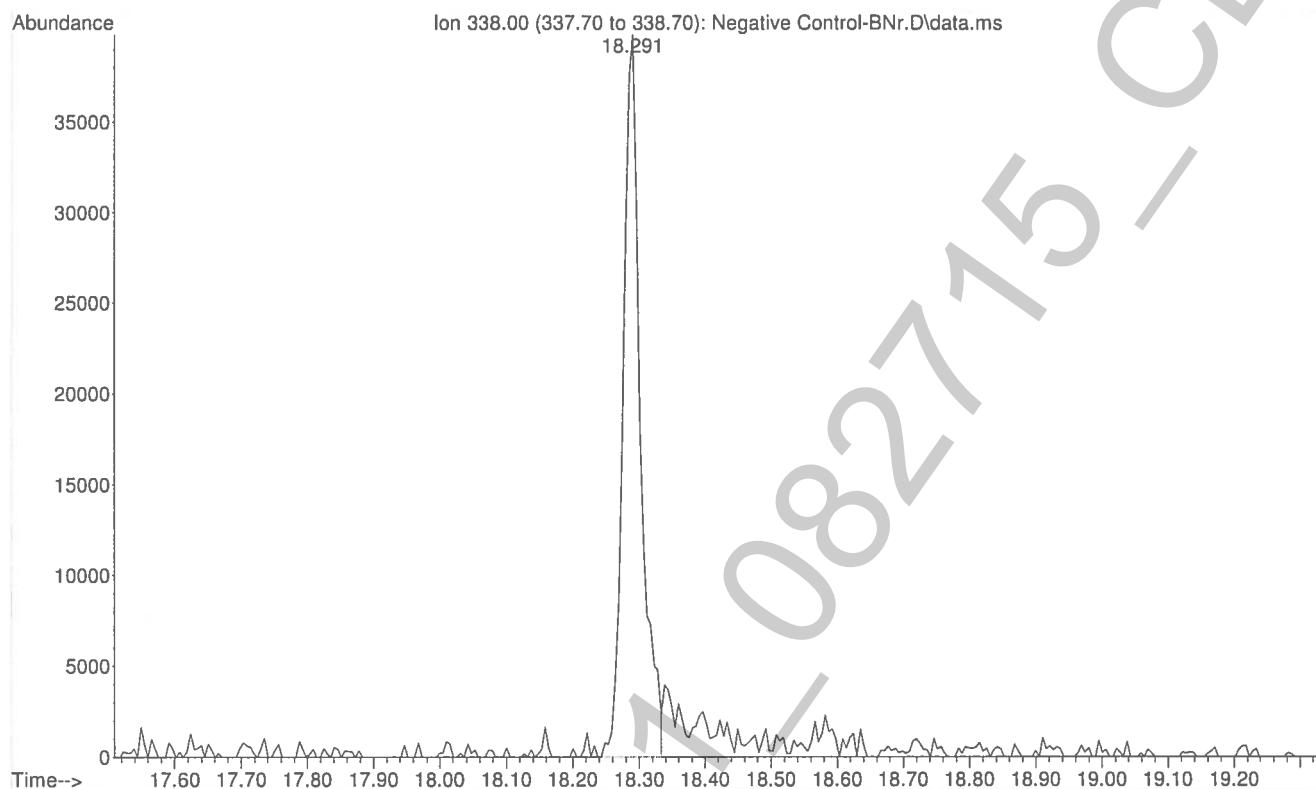
No peaks of interest.

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Negative Control-BNr.D
Operator : ISP\datastor
Instrument :   Major Mass Spec
Acquired : 27 Aug 2015 17:26   using AcqMethod GBT092509-Delta EMV.M
Sample Name: Negative Control – Utak Lot B0689
Misc Info : Analytical Method 3.6.1

Abundance   Ion 148.00 (147.70 to 148.70): Negative Control-BNr.D\data.ms
                                    12.360

350000

300000

250000

200000

150000

100000

50000
                                              12.450
0
Time--> 11.70 11.80 11.90 12.00 12.10 12.20 12.30 12.40 12.50 12.60 12.70 12.80 12.90 13.00 13.10 13.20

Abundance   Scan 1940 (12.360 min): Negative Control-BNr.D\data.ms (-1954) (-)
                              91.0   148.1

350000   Benzphetamine ISTD

300000

250000

200000

150000

100000

50000   65.0
        42.1   131.0   186.9   257.1
            53.0   77.1   105.0 117.1   166.2   200.8 211.0 222.2 233.1 243.2
0
m/z--> 30   40   50   60   70   80   90   100   110   120   130   140   150   160   170   180   190   200   210   220   230   240   250
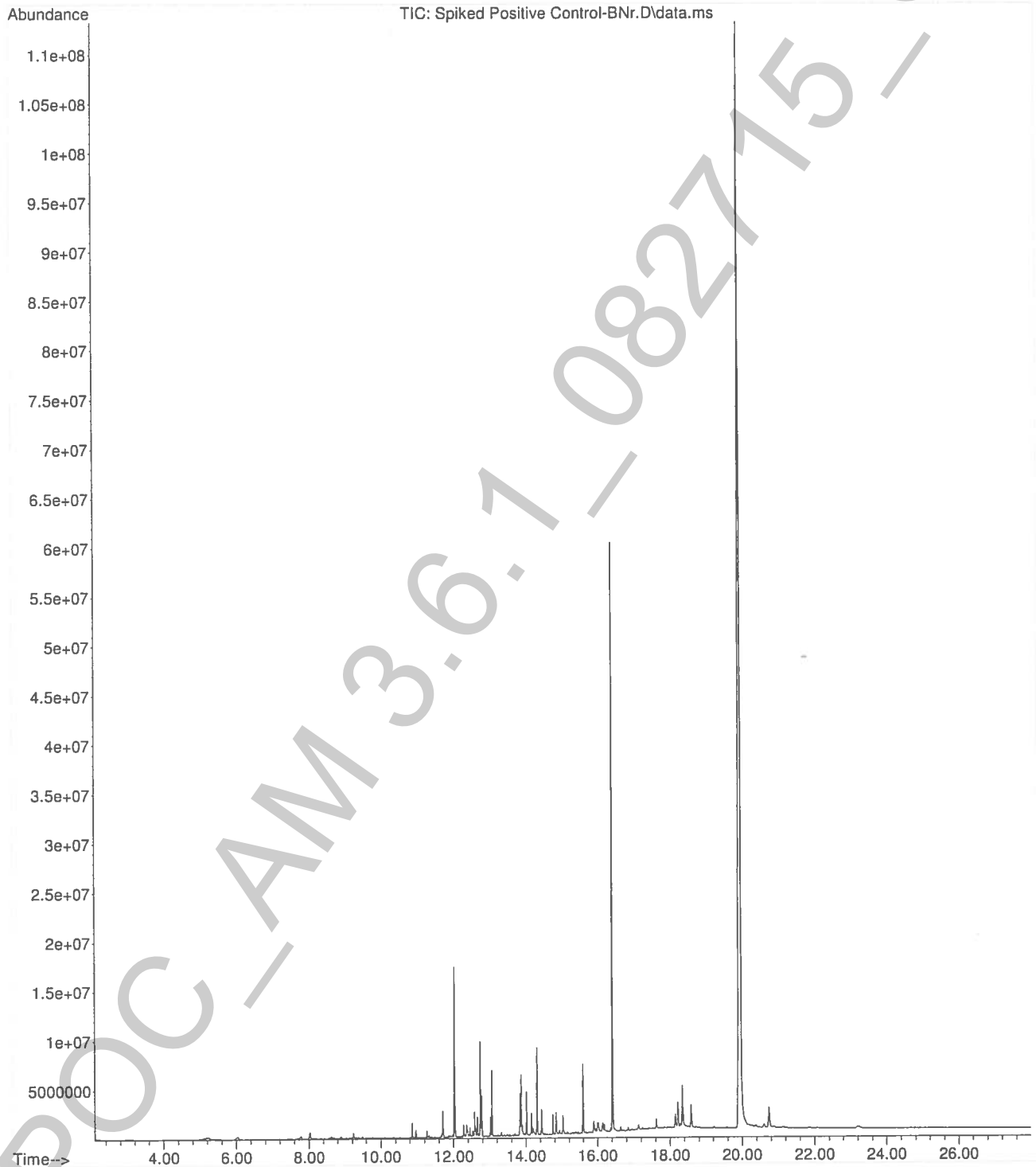
File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Negative Control-BNr.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 27 Aug 2015 17:26   using AcqMethod GBT092509-Delta EMV.M
Sample Name: Negative Control – Utak Lot B0689
Misc Info : Analytical Method 3.6.1

Ion 338.00 (337.70 to 338.70): Negative Control-BNr.D\data.ms

Scan 3060 (18.291 min): Negative Control-BNr.D\data.ms (-3081) (-)
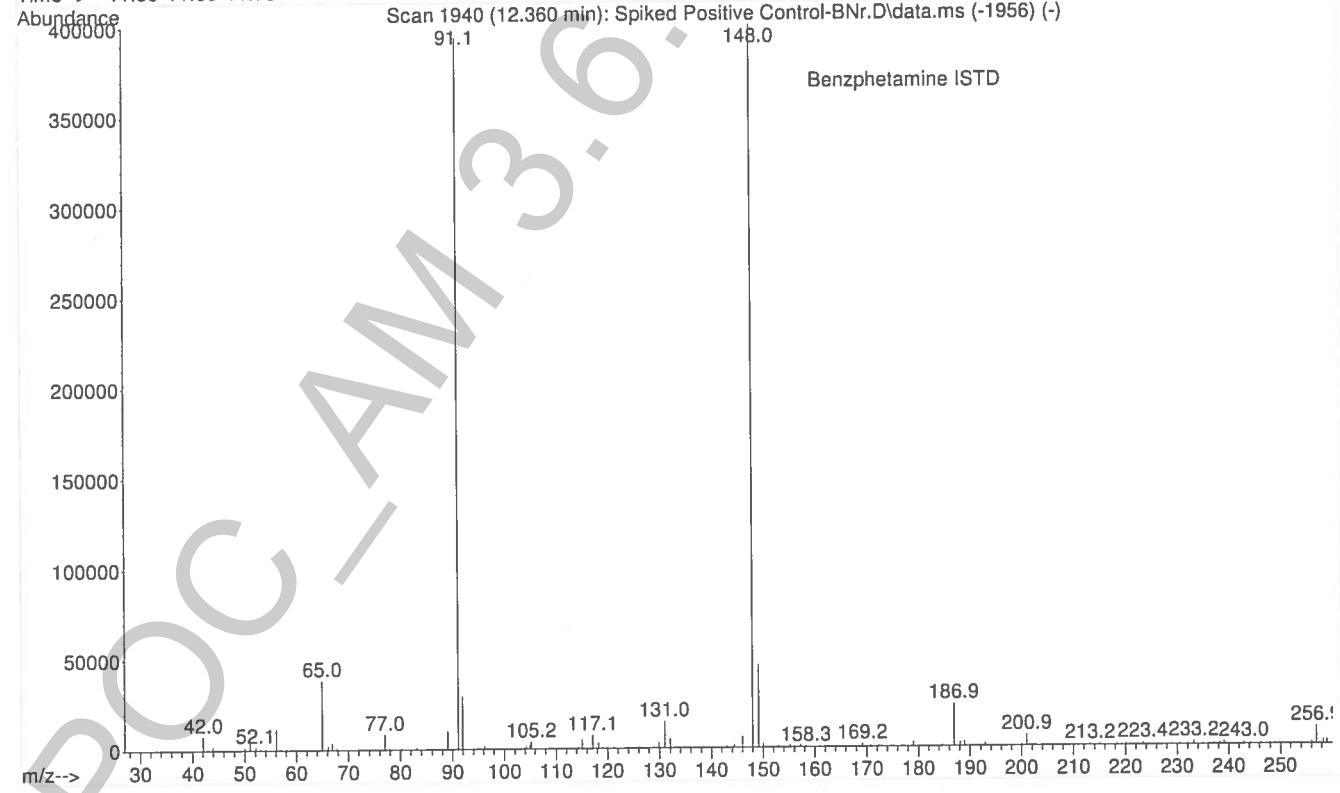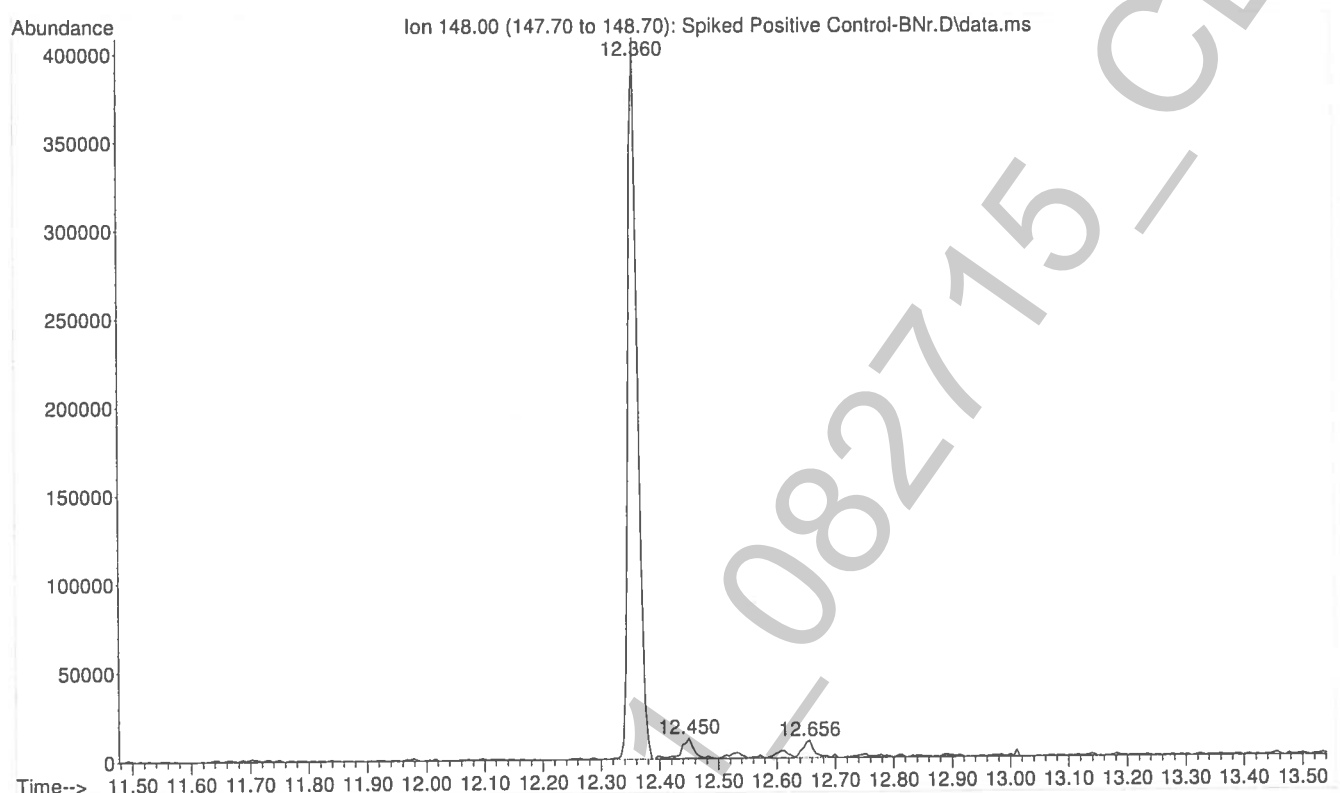
Papaverine ISTD

```
File       :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...          \Spiked Positive Control-BNr.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 27 Aug 2015  18:00     using AcqMethod GBT092509-Delta EMV.M
Sample Name: Positive Control
Misc Info  : Analytical Method 3.6.1
```


TIC: Spiked Positive Control-BNr.D\data.ms

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Spiked Positive Control-BNr.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 27 Aug 2015 18:00   using AcqMethod GBT092509-Delta EMV.M
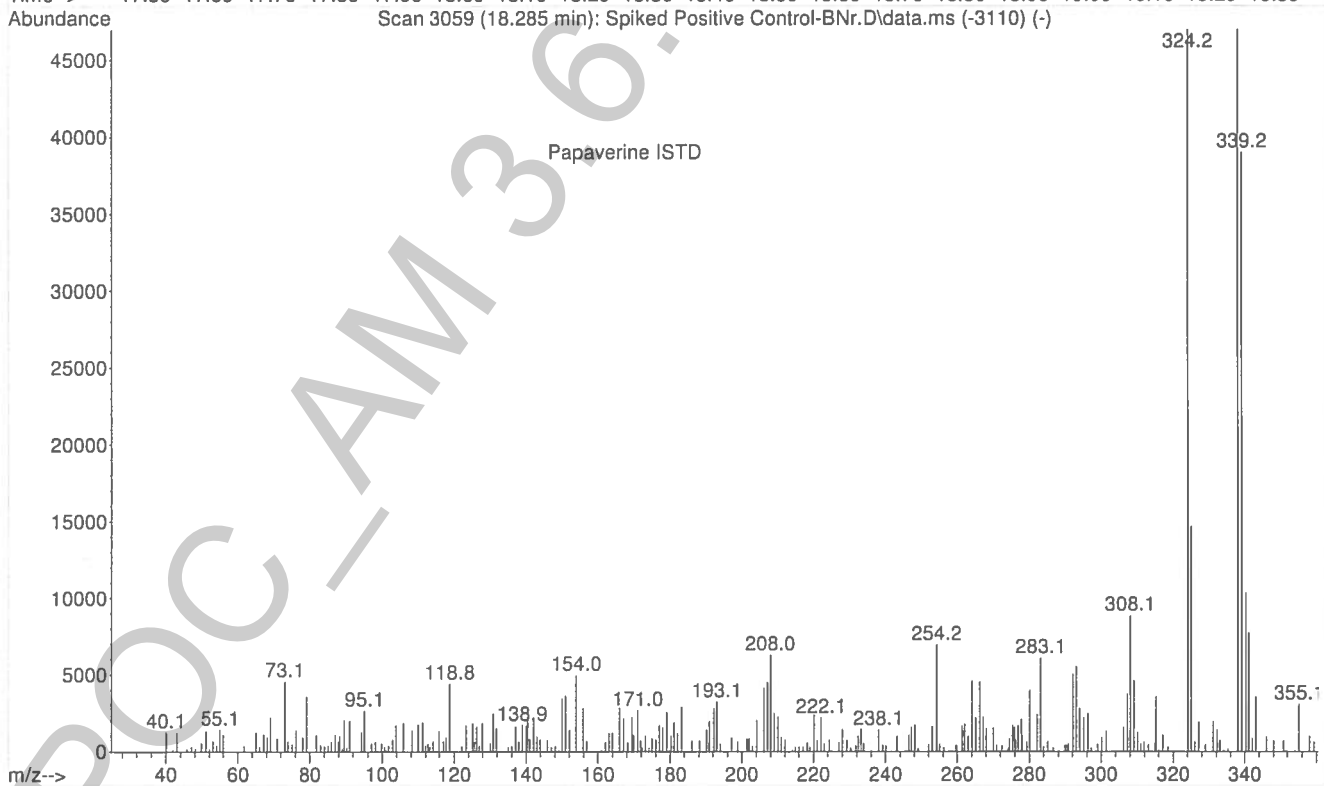Sample Name: Positive Control
Misc Info : Analytical Method 3.6.1

Ion 148.00 (147.70 to 148.70): Spiked Positive Control-BNr.D\data.ms

Scan 1940 (12.360 min): Spiked Positive Control-BNr.D\data.ms (-1956) (-)

Benzphetamine ISTD

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Spiked Positive Control-BNr.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 27 Aug 2015 18:00   using AcqMethod GBT092509-Delta EMV.M
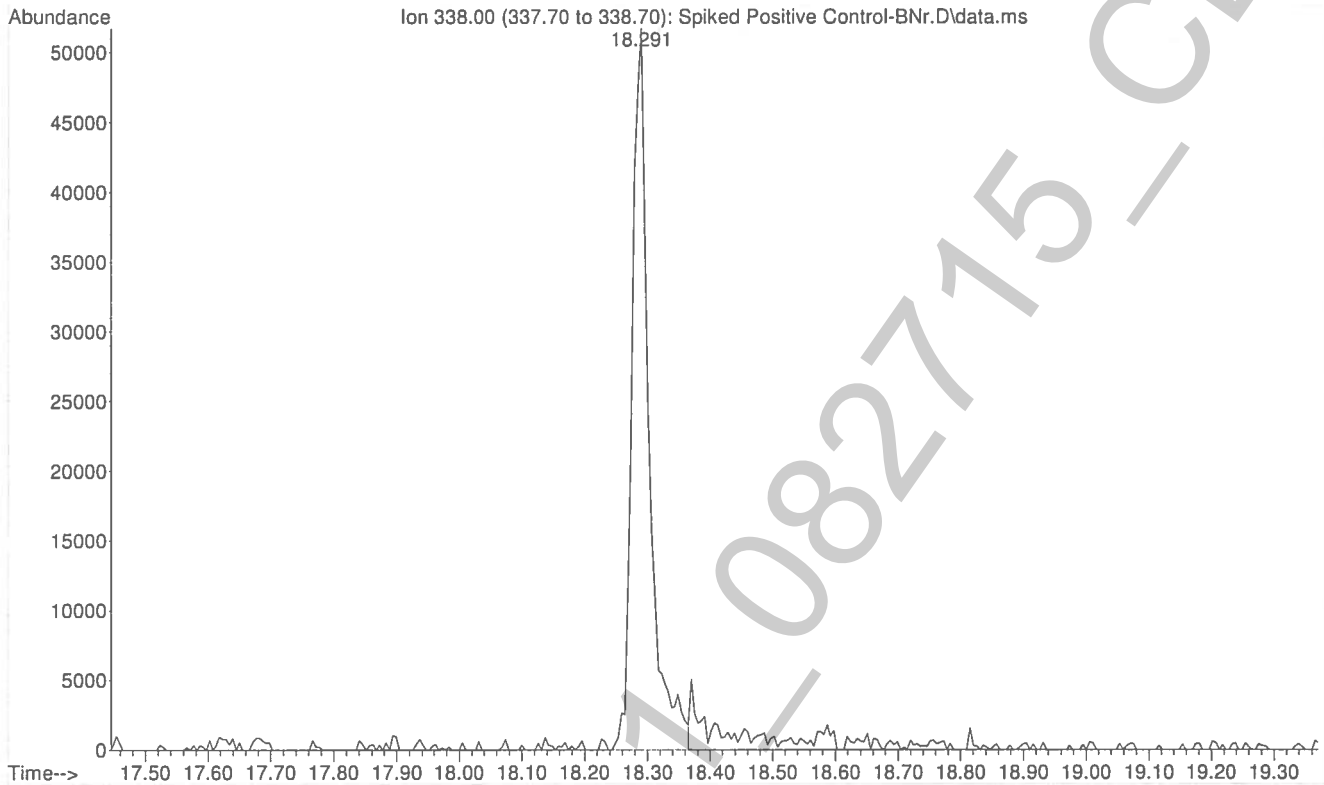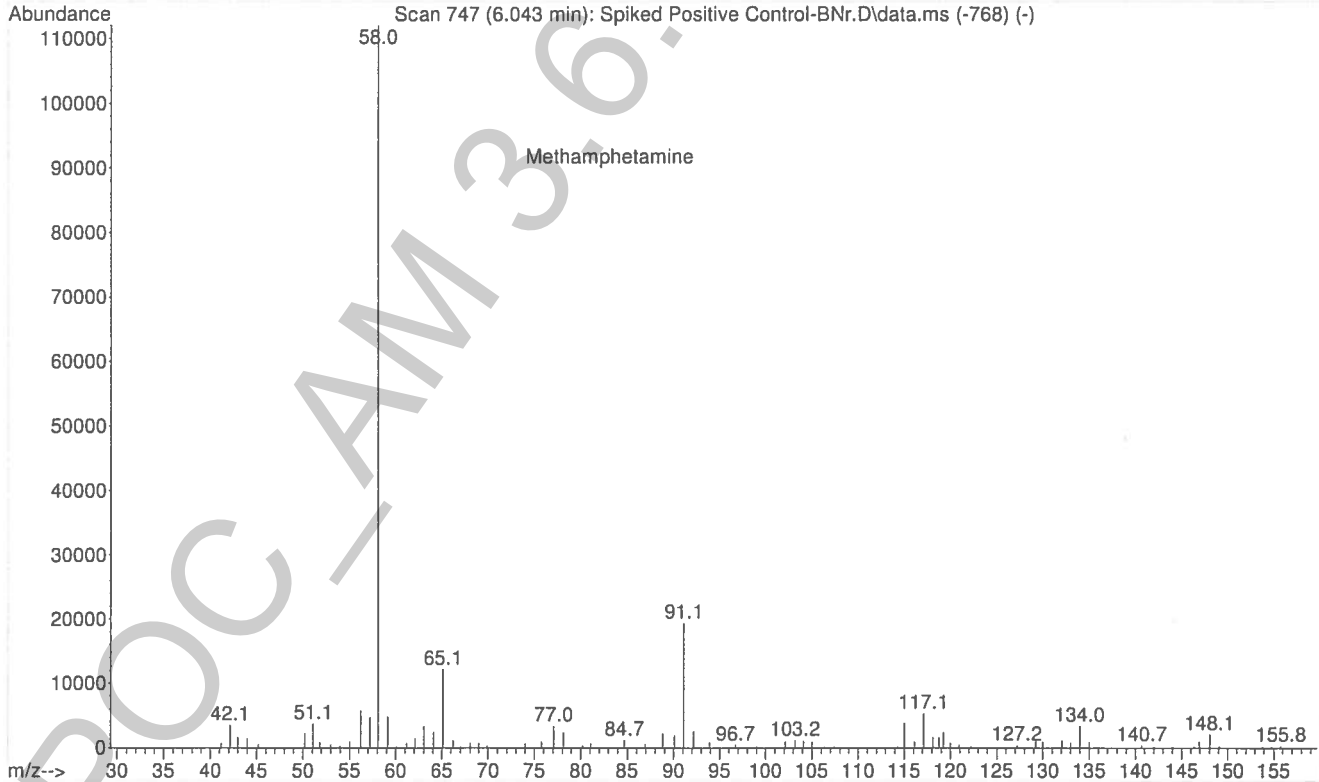Sample Name: Positive Control
Misc Info : Analytical Method 3.6.1

Ion 338.00 (337.70 to 338.70): Spiked Positive Control-BNr.D\data.ms

Abundance

18.291

Time-->   17.50 17.60 17.70 17.80 17.90 18.00 18.10 18.20 18.30 18.40 18.50 18.60 18.70 18.80 18.90 19.00 19.10 19.20 19.30

Abundance   Scan 3059 (18.285 min): Spiked Positive Control-BNr.D\data.ms (-3110) (-)

324.2

339.2

Papaverine ISTD

308.1

254.2

283.1

208.0

73.1

154.0

118.8

355.1

40.1 55.1   95.1   138.9   171.0   193.1   222.1   238.1

m/z-->   40   60   80   100   120   140   160   180   200   220   240   260   280   300   320   340

```
File        :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...           \Spiked Positive Control-BNr.D
Operator    : ISP\datastor
Instrument  :   Major Mass Spec
Acquired    : 27 Aug 2015  18:00     using AcqMethod GBT092509-Delta EMV.M
Sample Name: Positive Control
Misc Info   : Analytical Method 3.6.1
```
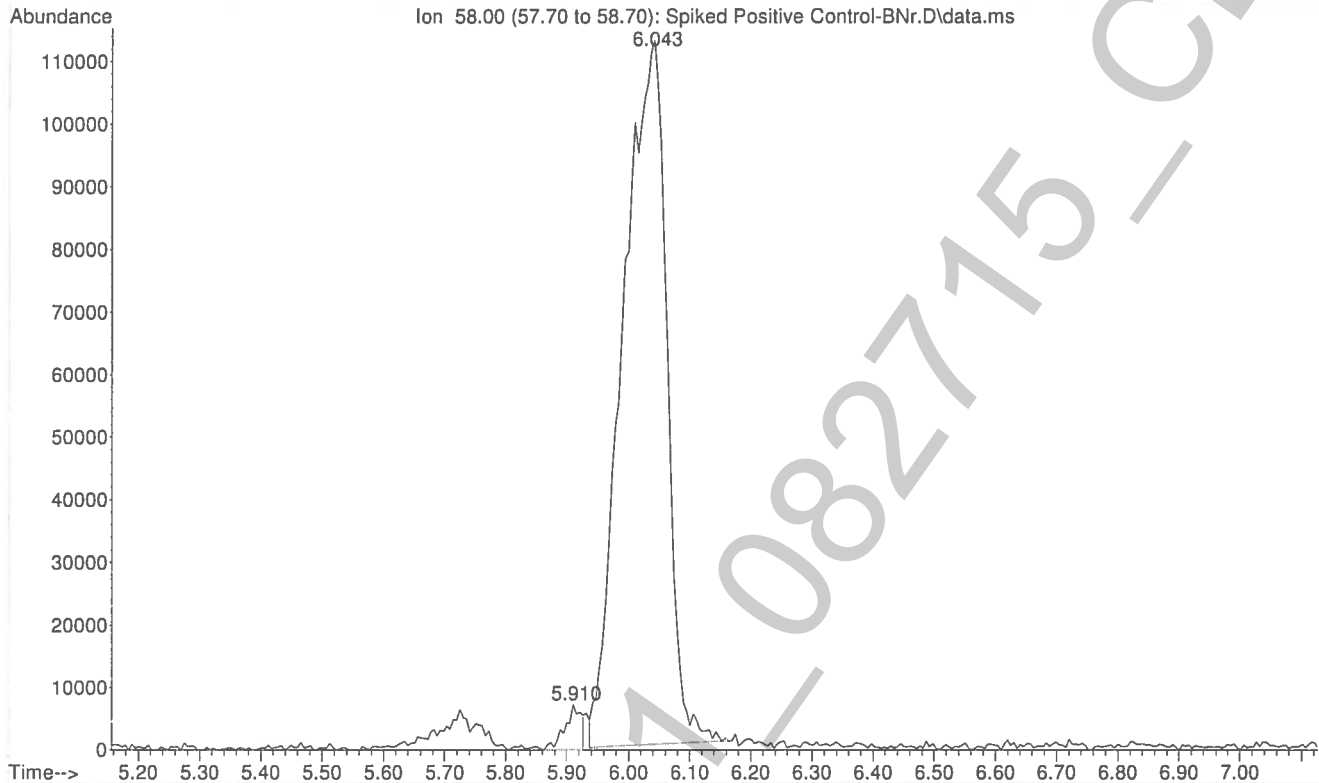
Abundance — Ion 58.00 (57.70 to 58.70): Spiked Positive Control-BNr.D\data.ms

Abundance — Scan 747 (6.043 min): Spiked Positive Control-BNr.D\data.ms (-768) (-)

Methamphetamine

```
File        :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...          \Spiked Positive Control-BNr.D
Operator    : ISP\datastor
Instrument  :    Major Mass Spec
Acquired    : 27 Aug 2015  18:00      using AcqMethod GBT092509-Delta EMV.M
Sample Name: Positive Control
Misc Info   : Analytical Method 3.6.1
```
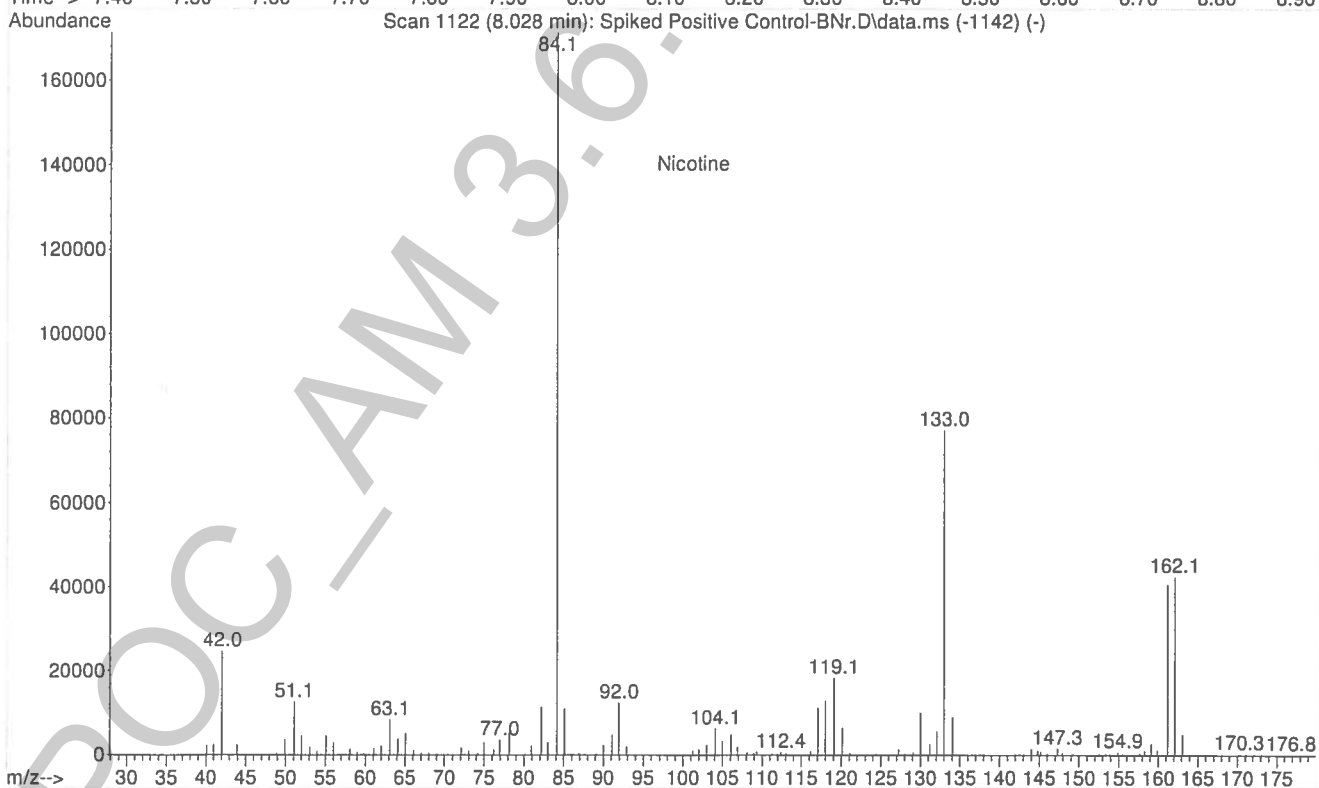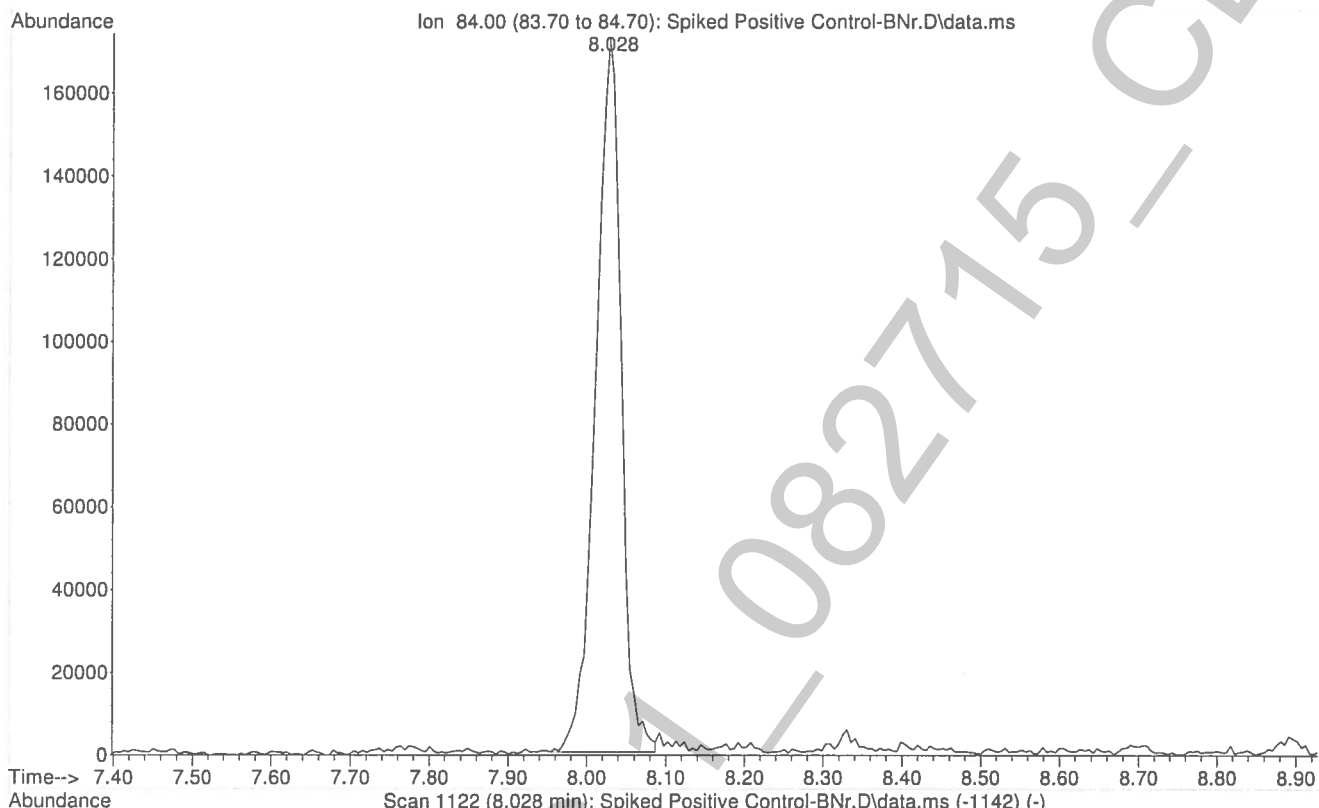
Ion 84.00 (83.70 to 84.70): Spiked Positive Control-BNr.D\data.ms

Abundance

8.028

Scan 1122 (8.028 min): Spiked Positive Control-BNr.D\data.ms (-1142) (-)

Abundance

84.1

Nicotine

133.0

162.1

42.0

51.1

63.1

77.0

92.0

104.1

112.4

119.1

147.3   154.9

170.3 176.8

Ion 71.00 (70.70 to 71.70): Spiked Positive Control-BNr.D\data.ms

Scan 1816 (11.703 min): Spiked Positive Control-BNr.D\data.ms (-1822) (-)

Meperidine

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Spiked Positive Control-BNr.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 27 Aug 2015 18:00   using AcqMethod GBT092509-Delta EMV.M
Sample Name: Positive Control
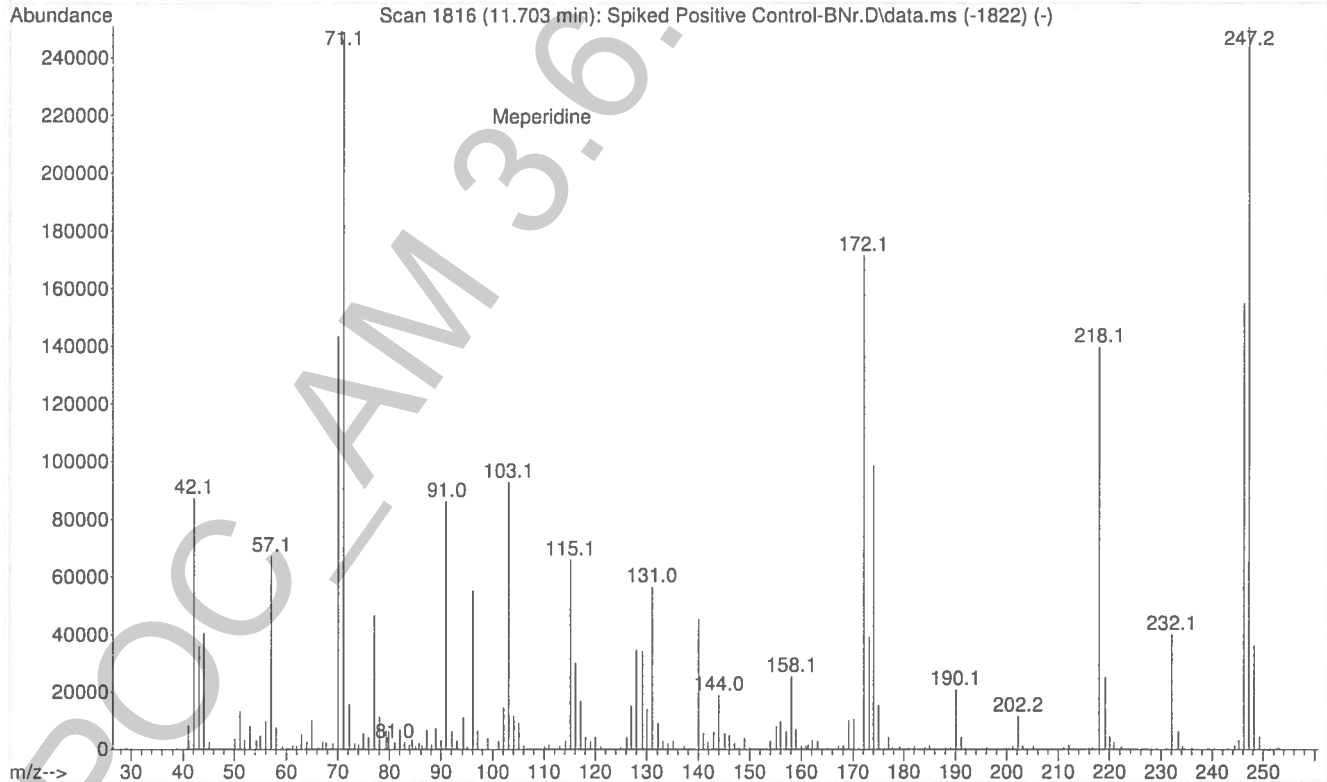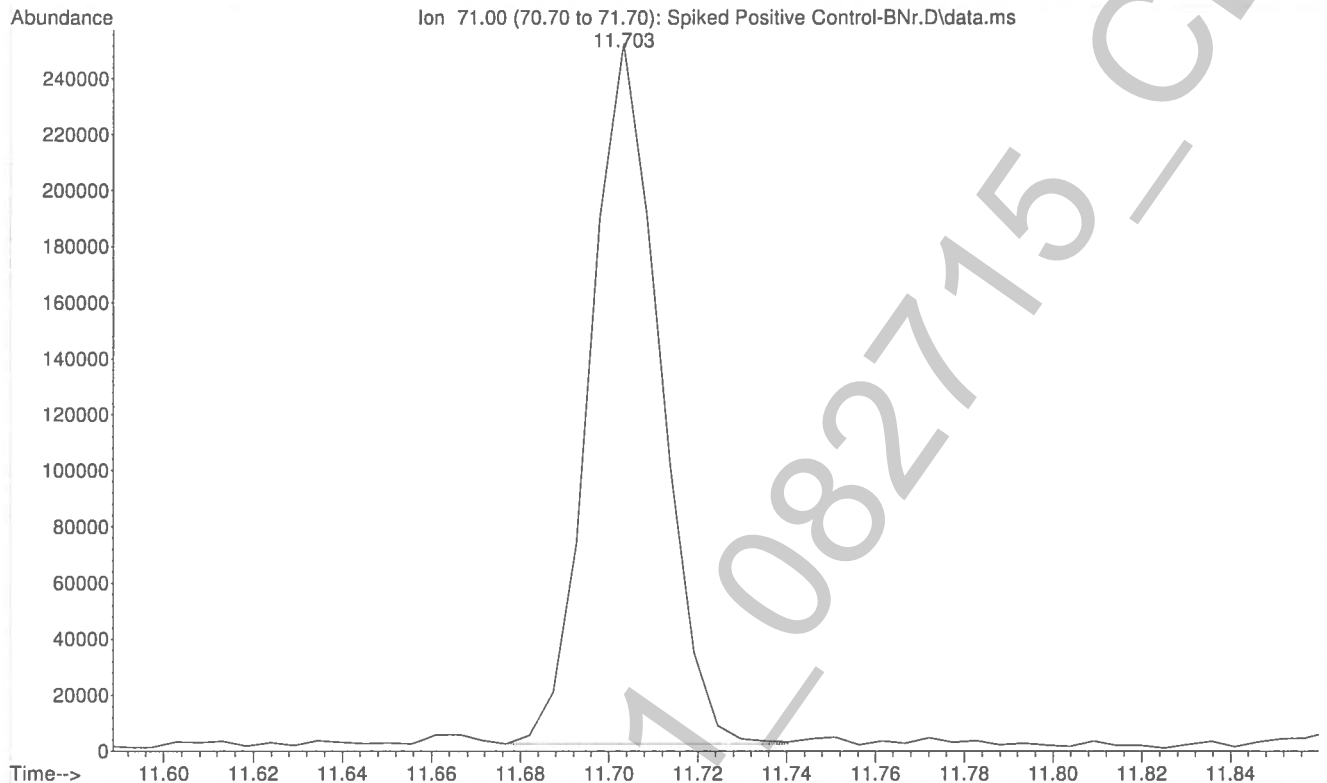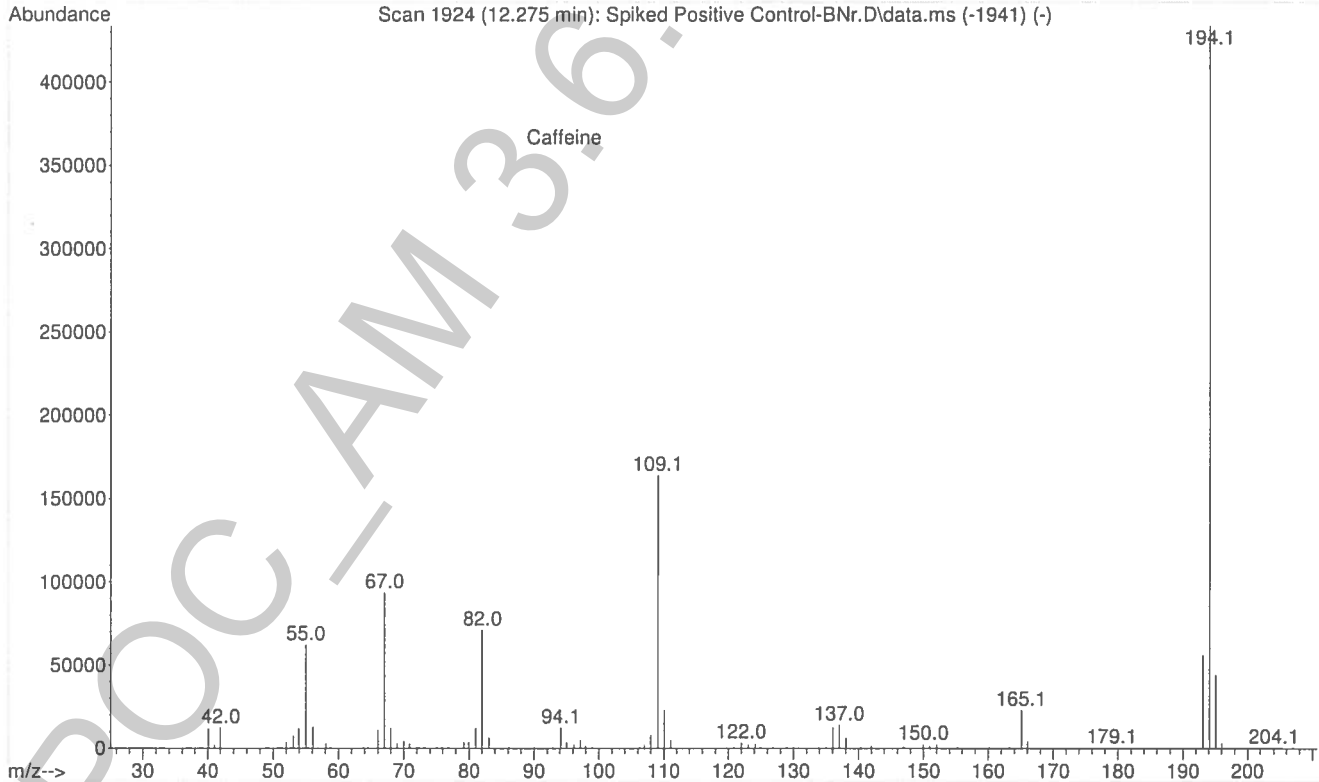Misc Info : Analytical Method 3.6.1

Abundance   Ion 194.00 (193.70 to 194.70): Spiked Positive Control-BNr.D\data.ms

12.275

400000

350000

300000

250000

200000

150000

100000

50000

                                                                12.450   12.609

0
Time--> 11.90 11.95 12.00 12.05 12.10 12.15 12.20 12.25 12.30 12.35 12.40 12.45 12.50 12.55 12.60 12.65 12.70 12.75 12.80 12.85 12.90

Abundance   Scan 1924 (12.275 min): Spiked Positive Control-BNr.D\data.ms (-1941) (-)

                                                                                                    194.1

400000

350000   Caffeine

300000

250000

200000

                                                    109.1
150000

100000   67.0

             55.0   82.0

50000   165.1

        42.0   94.1   122.0   137.0   150.0   179.1   204.1

0
m/z-->   30   40   50   60   70   80   90   100   110   120   130   140   150   160   170   180   190   200

```
File       :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...         \Spiked Positive Control-BNr.D
Operator   : ISP\datastor
Instrument :    Major Mass Spec
Acquired   : 27 Aug 2015  18:00     using AcqMethod GBT092509-Delta EMV.M
Sample Name: Positive Control
Misc Info  : Analytical Method 3.6.1
```
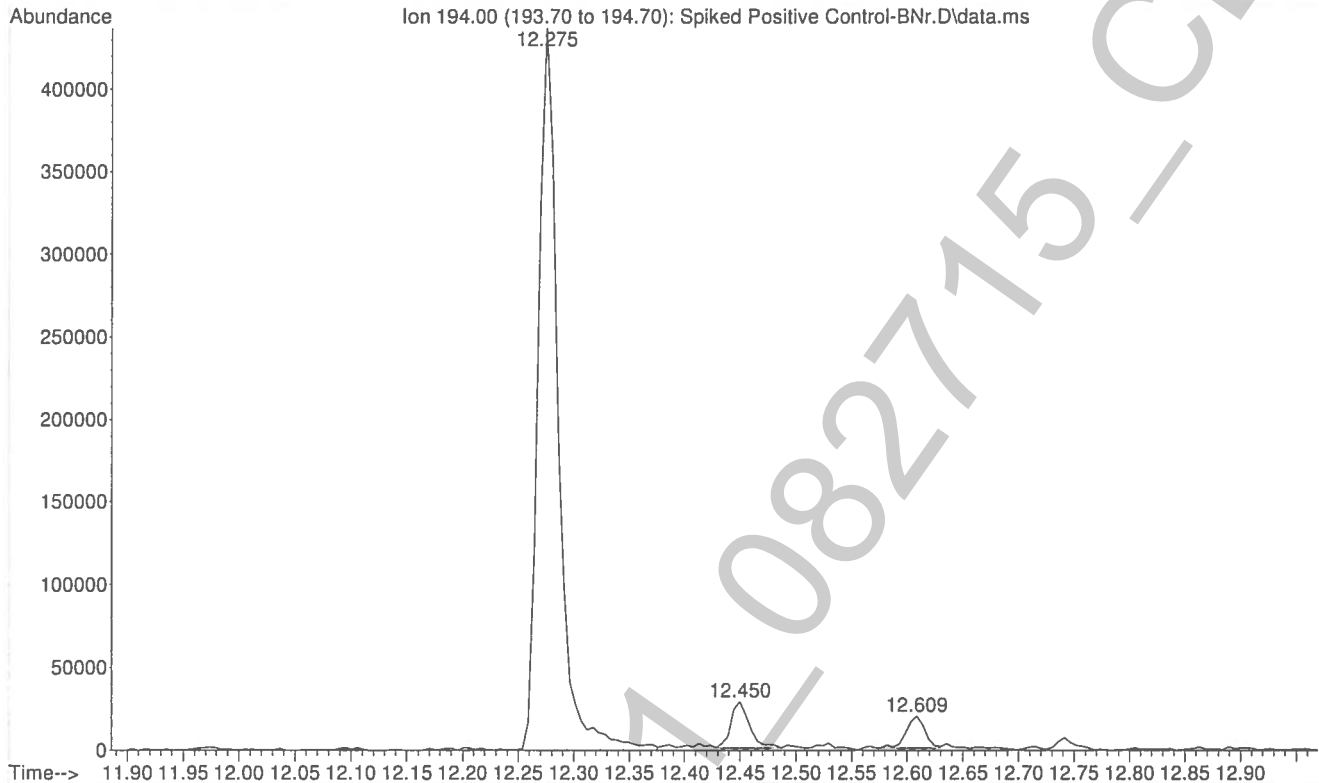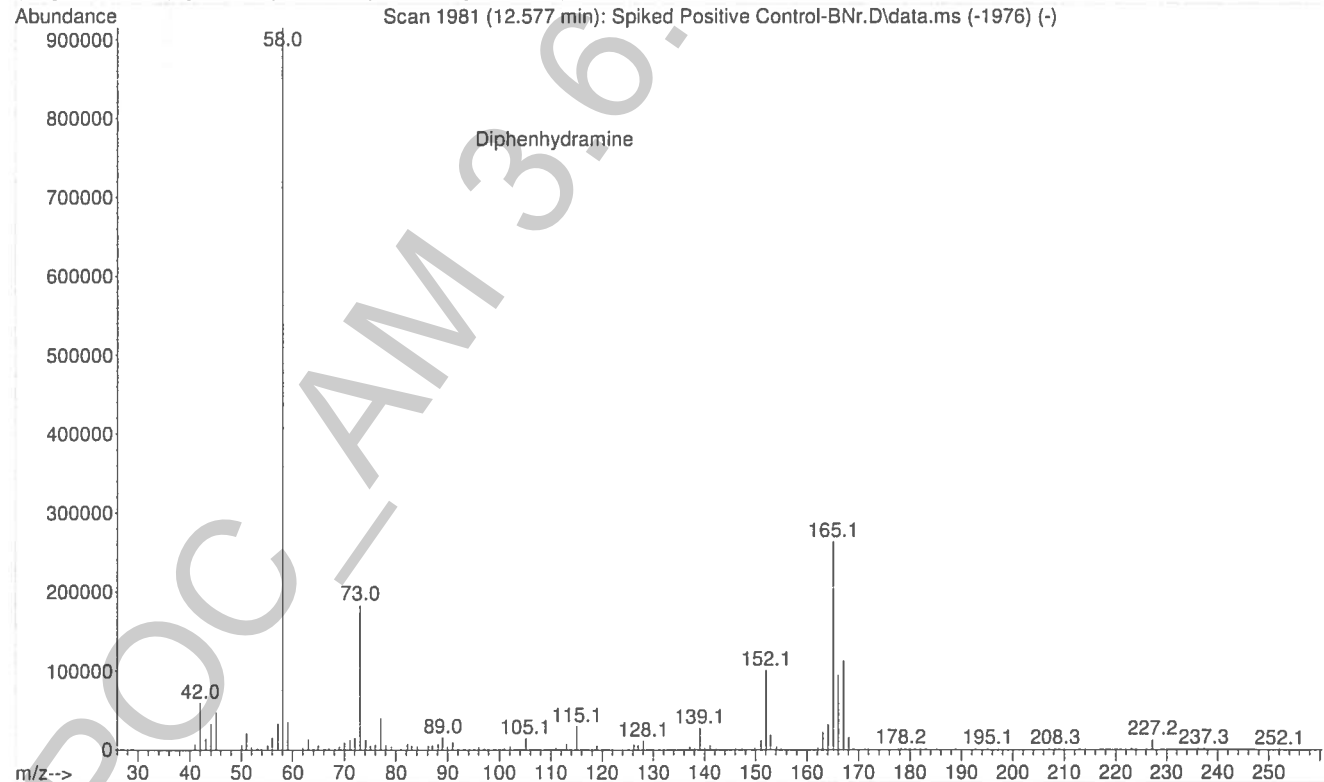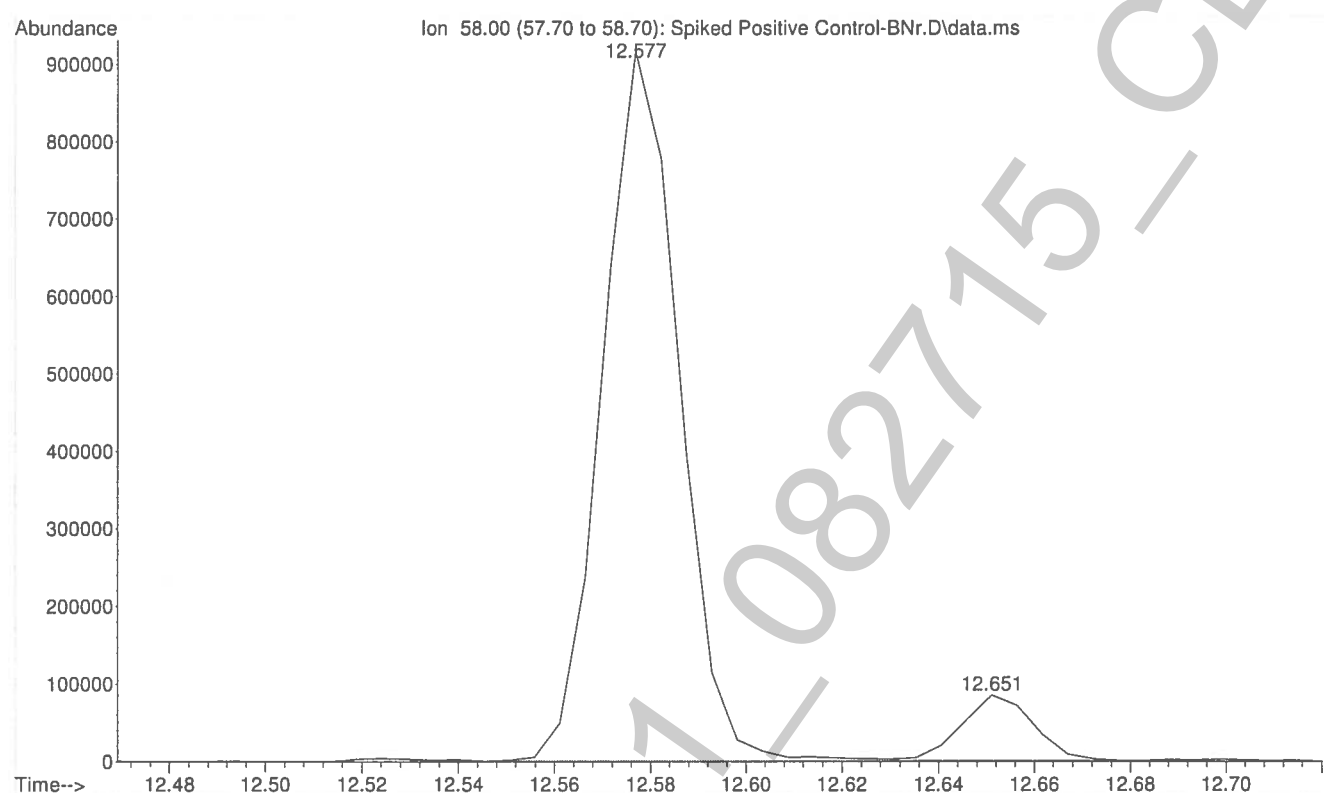
Ion 58.00 (57.70 to 58.70): Spiked Positive Control-BNr.D\data.ms

Abundance

- 900000 — 12.577
- 800000
- 700000
- 600000
- 500000
- 400000
- 300000
- 200000
- 100000 — 12.651
- 0

Time--> 12.48 12.50 12.52 12.54 12.56 12.58 12.60 12.62 12.64 12.66 12.68 12.70

Abundance   Scan 1981 (12.577 min): Spiked Positive Control-BNr.D\data.ms (-1976) (-)

- 900000 — 58.0
- 800000
- 700000   Diphenhydramine
- 600000
- 500000
- 400000
- 300000 — 165.1
- 200000 — 73.0
- 100000 — 152.1
- 42.0 89.0 105.1 115.1 128.1 139.1 178.2 195.1 208.3 227.2 237.3 252.1
- 0

m/z--> 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250

```
File       :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...        \Spiked Positive Control-BNr.D
Operator   : ISP\datastor
Instrument :    Major Mass Spec
Acquired   : 27 Aug 2015  18:00    using AcqMethod GBT092509-Delta EMV.M
Sample Name: Positive Control
Misc Info  : Analytical Method 3.6.1
```
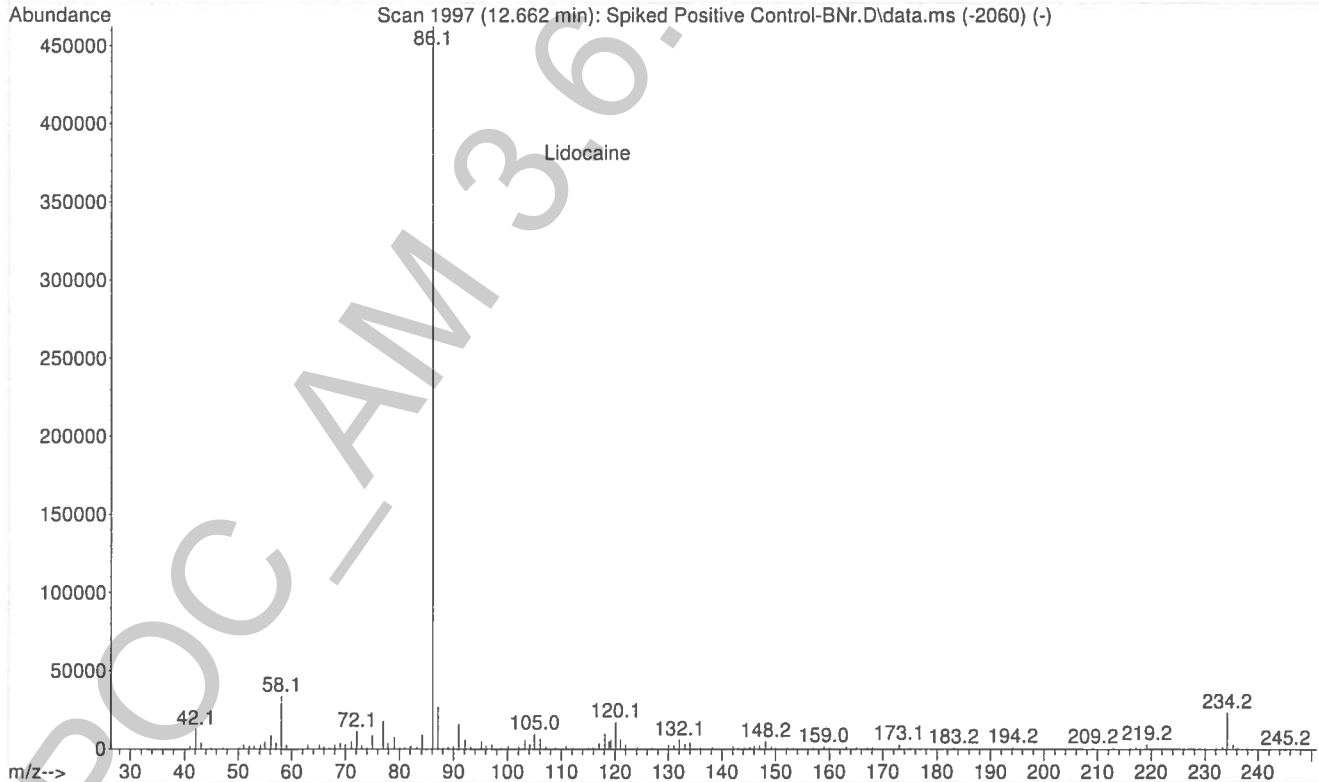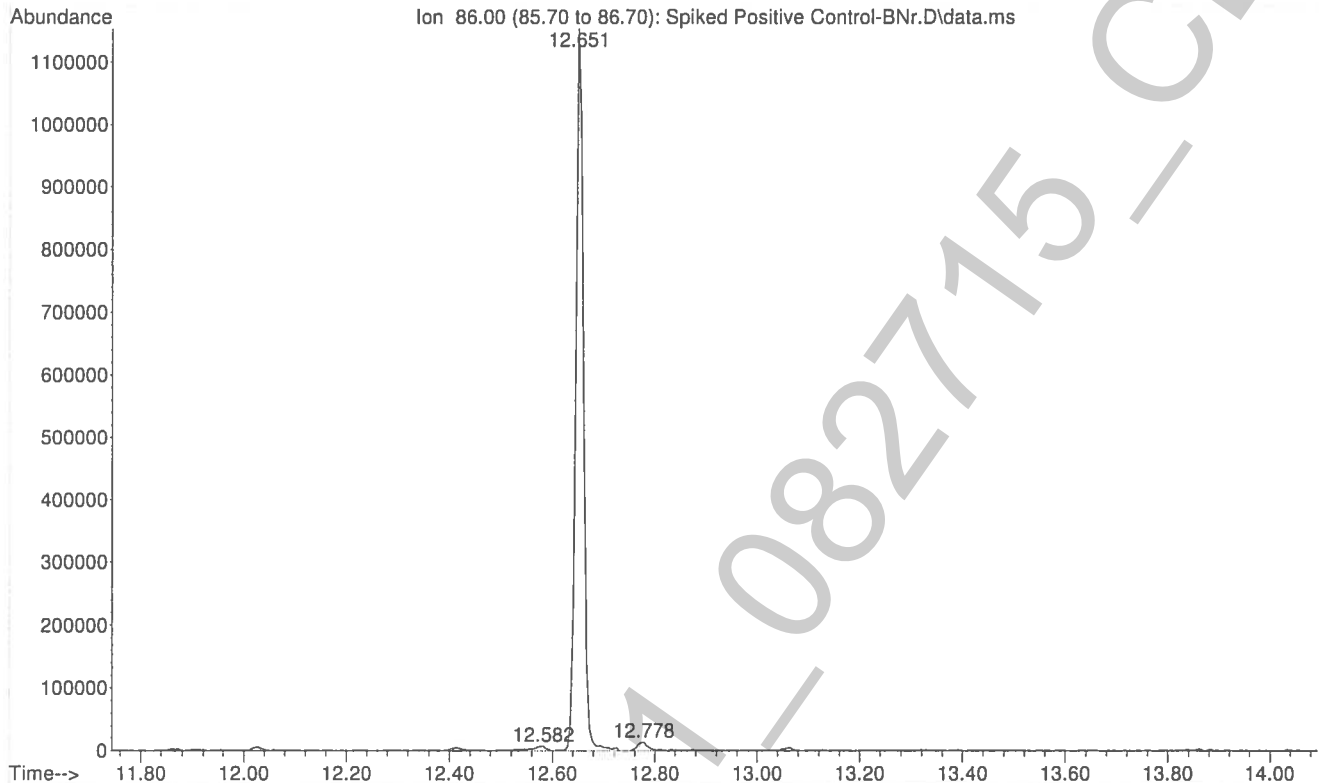
Abundance   Ion 86.00 (85.70 to 86.70): Spiked Positive Control-BNr.D\data.ms

12.651

12.582   12.778

Time--> 11.80 12.00 12.20 12.40 12.60 12.80 13.00 13.20 13.40 13.60 13.80 14.00

Abundance   Scan 1997 (12.662 min): Spiked Positive Control-BNr.D\data.ms (-2060) (-)

86.1

Lidocaine

58.1

42.1   72.1   105.0   120.1   132.1   148.2 159.0   173.1 183.2 194.2   209.2 219.2   234.2   245.2

m/z--> 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240

```
File        :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...         \Spiked Positive Control-BNr.D
Operator    : ISP\datastor
Instrument  :    Major Mass Spec
Acquired    : 27 Aug 2015  18:00      using AcqMethod GBT092509-Delta EMV.M
Sample Name: Positive Control
Misc Info   : Analytical Method 3.6.1
```
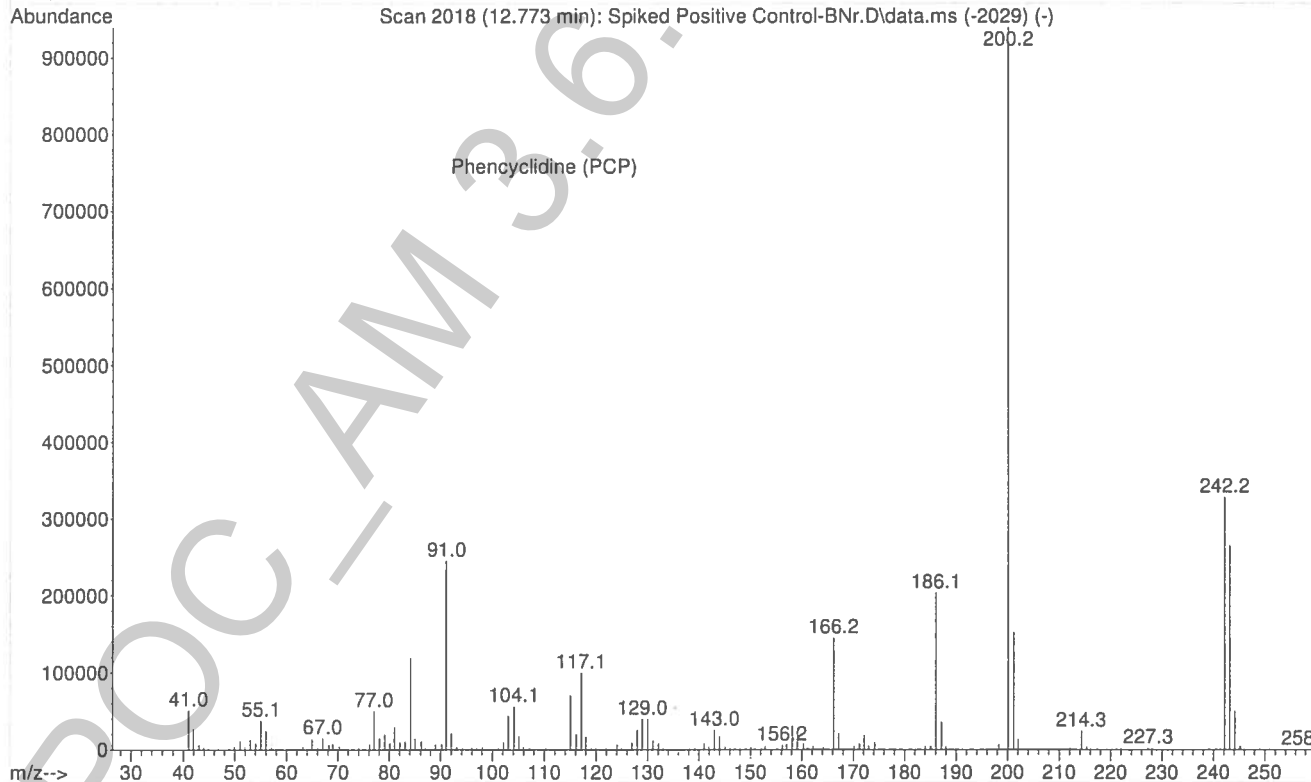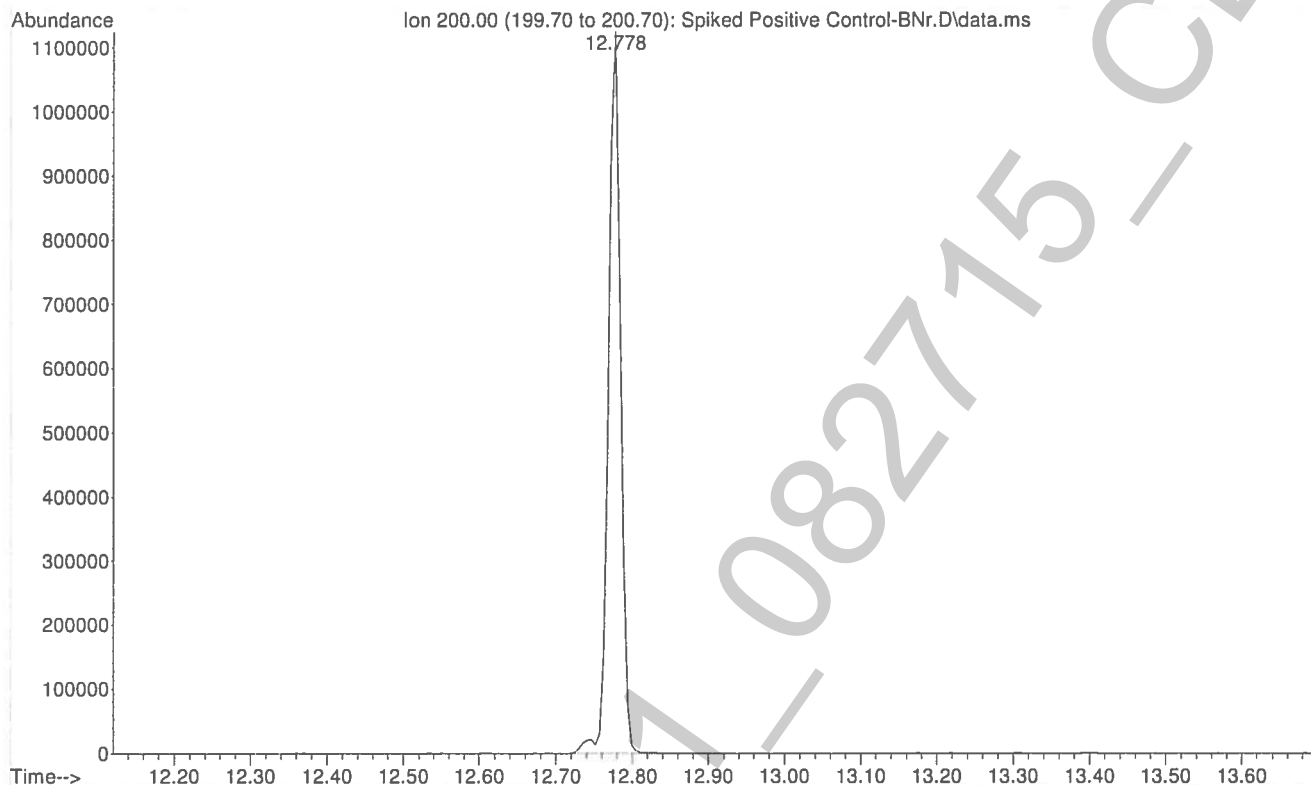
Ion 200.00 (199.70 to 200.70): Spiked Positive Control-BNr.D\data.ms

Abundance

12.778

Time-->

Scan 2018 (12.773 min): Spiked Positive Control-BNr.D\data.ms (-2029) (-)

Abundance

200.2

Phencyclidine (PCP)

242.2

91.0

186.1

166.2

117.1

41.0   55.1   77.0   104.1   129.0   143.0   156.2   214.3   227.3   258.
              67.0

m/z-->

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Spiked Positive Control-BNr.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 27 Aug 2015 18:00   using AcqMethod GBT092509-Delta EMV.M
Sample Name: Positive Control
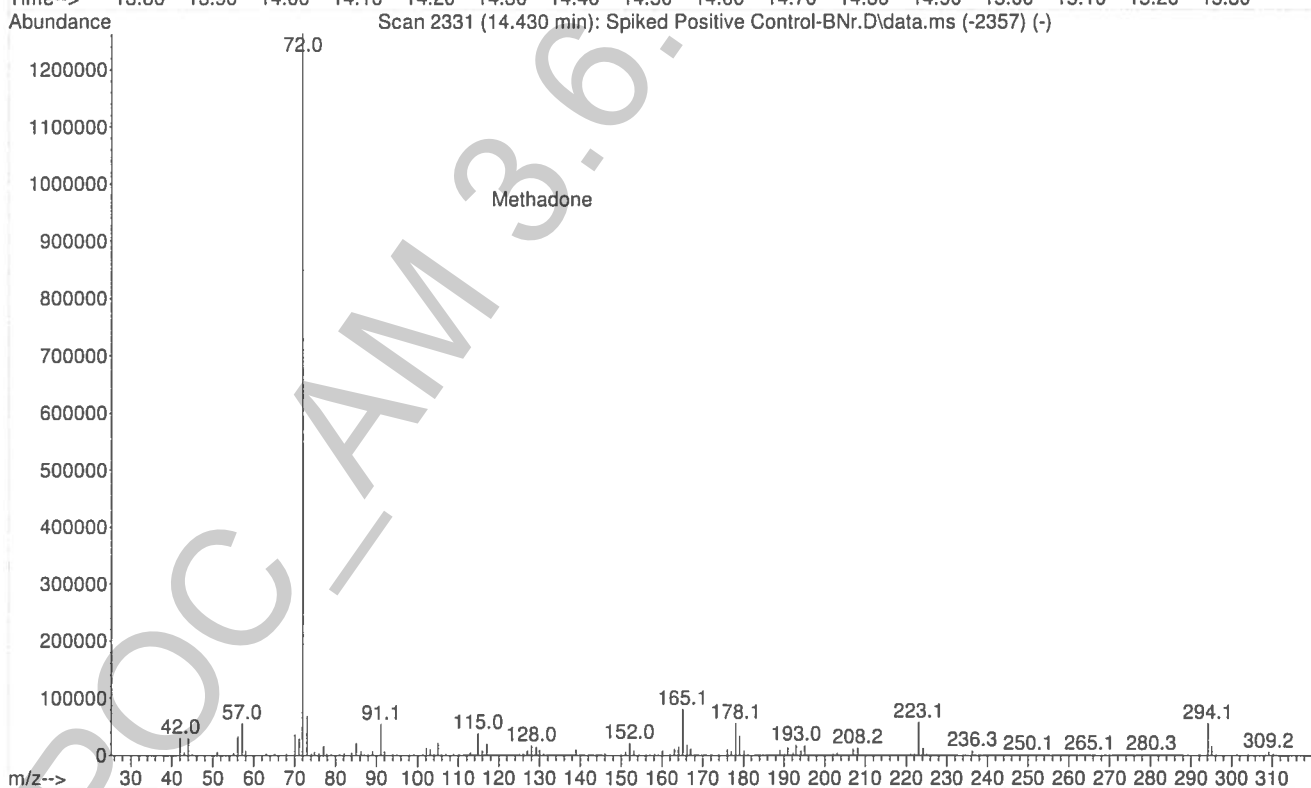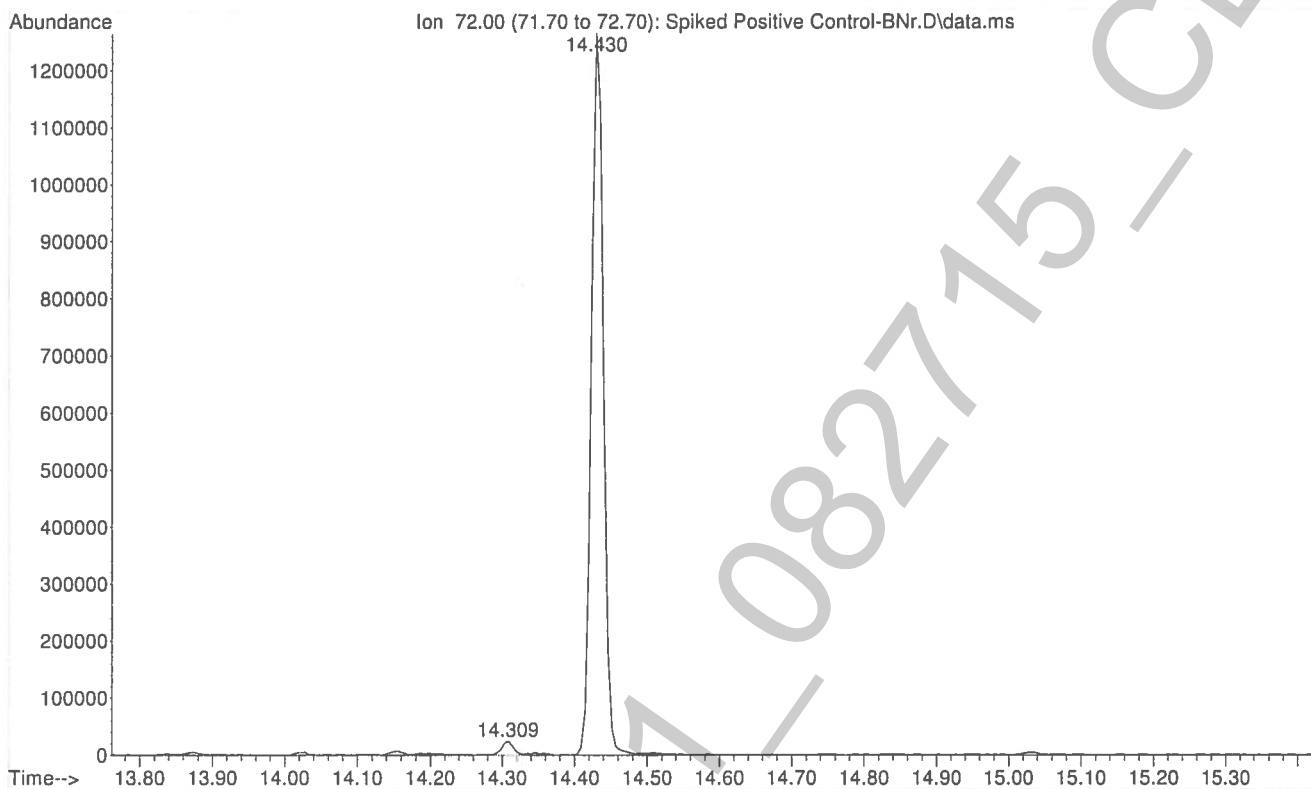Misc Info   : Analytical Method 3.6.1

Ion 72.00 (71.70 to 72.70): Spiked Positive Control-BNr.D\data.ms

Scan 2331 (14.430 min): Spiked Positive Control-BNr.D\data.ms (-2357) (-)

Methadone

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Spiked Positive Control-BNr.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 27 Aug 2015 18:00   using AcqMethod GBT092509-Delta EMV.M
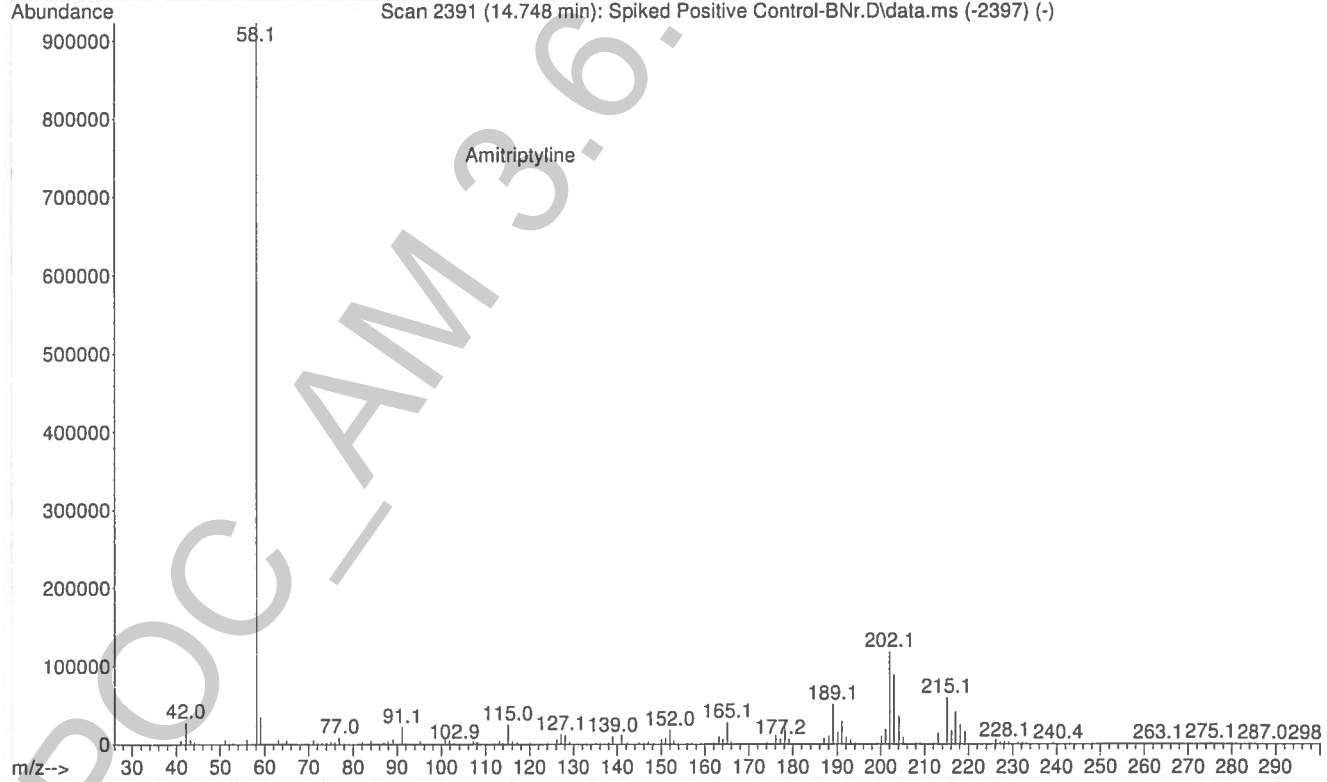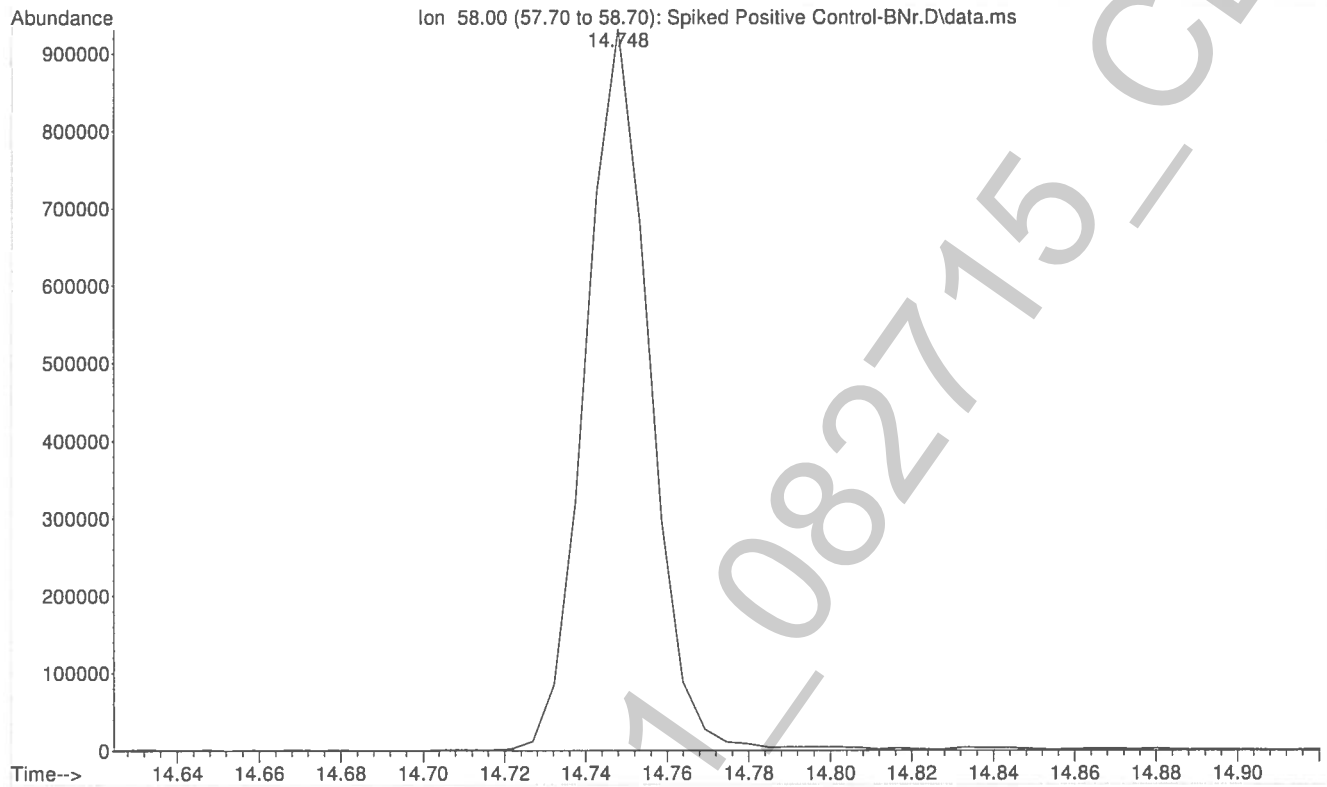Sample Name: Positive Control
Misc Info   : Analytical Method 3.6.1

Ion 58.00 (57.70 to 58.70): Spiked Positive Control-BNr.D\data.ms

Abundance

```
900000           14.748
800000
700000
600000
500000
400000
300000
200000
100000
     0
Time-->   14.64  14.66  14.68  14.70  14.72  14.74  14.76  14.78  14.80  14.82  14.84  14.86  14.88  14.90
```

Scan 2391 (14.748 min): Spiked Positive Control-BNr.D\data.ms (-2397) (-)

Abundance

```
900000     58.1
800000
700000                    Amitriptyline
600000
500000
400000
300000
200000
                                                                   202.1
100000                                                                215.1
         42.0                                               189.1
              77.0  91.1       115.0       152.0  165.1                    228.1 240.4      263.1 275.1 287.0 298
                        102.9     127.1 139.0        177.2
     0
m/z-->   30  40  50  60  70  80  90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290
```

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Spiked Positive Control-BNr.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 27 Aug 2015 18:00   using AcqMethod GBT092509-Delta EMV.M
Sample Name: Positive Control
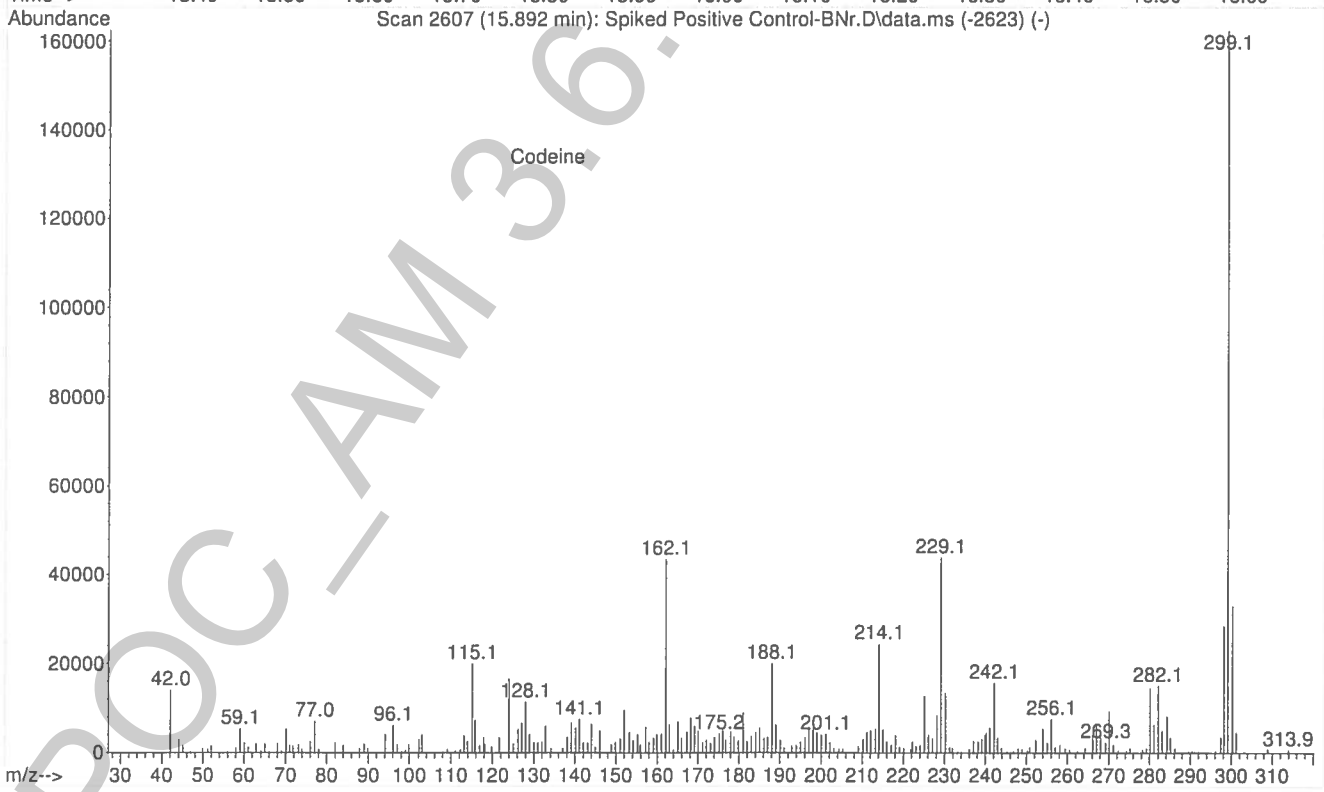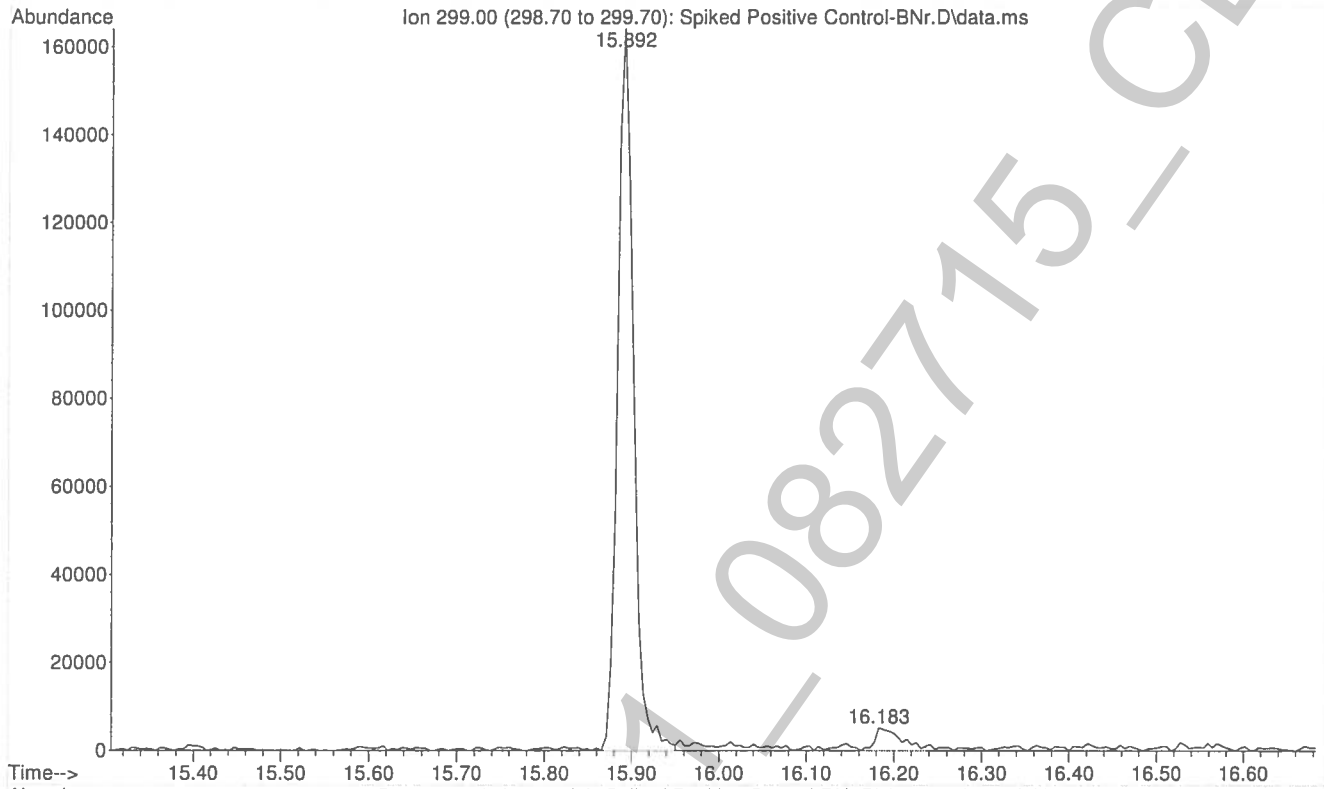Misc Info   : Analytical Method 3.6.1

Ion 299.00 (298.70 to 299.70): Spiked Positive Control-BNr.D\data.ms

Scan 2607 (15.892 min): Spiked Positive Control-BNr.D\data.ms (-2623) (-)

Codeine

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Spiked Positive Control-BNr.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 27 Aug 2015 18:00   using AcqMethod GBT092509-Delta EMV.M
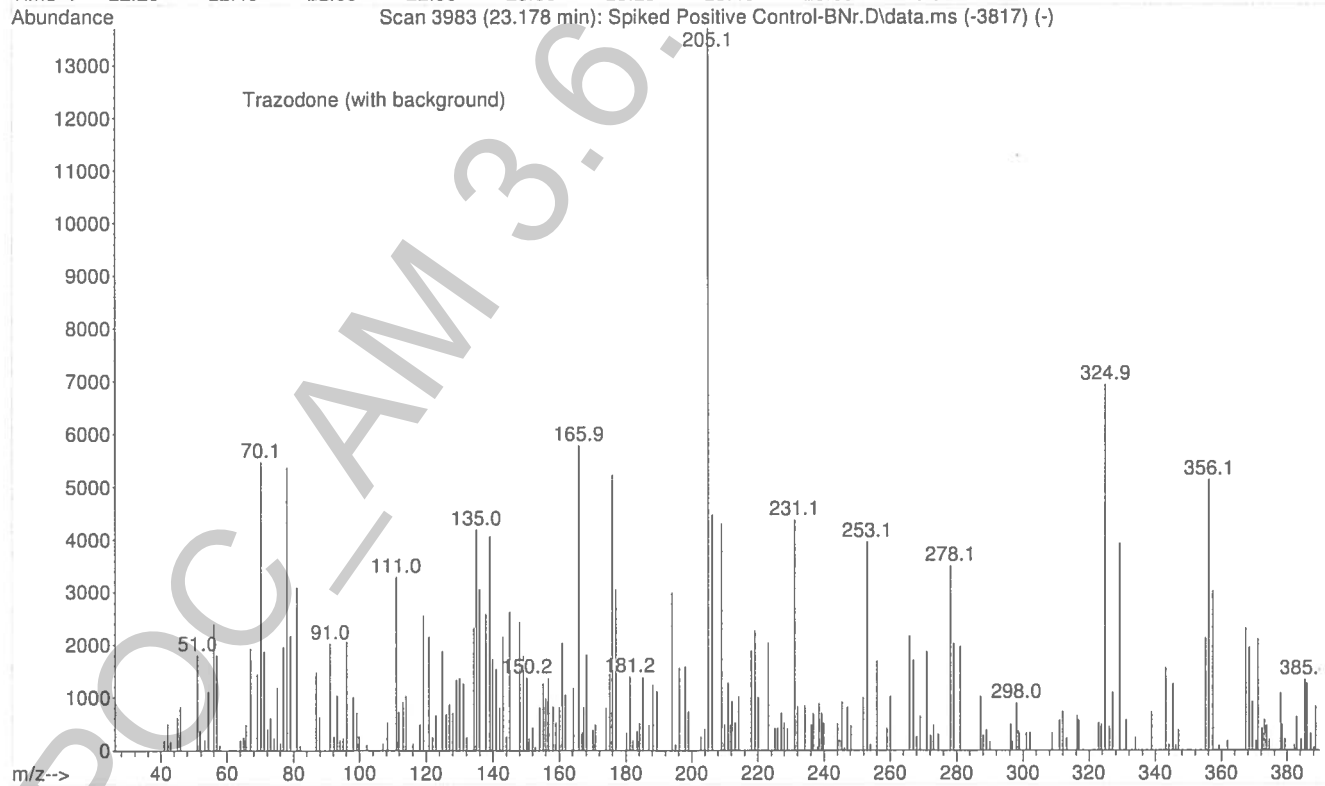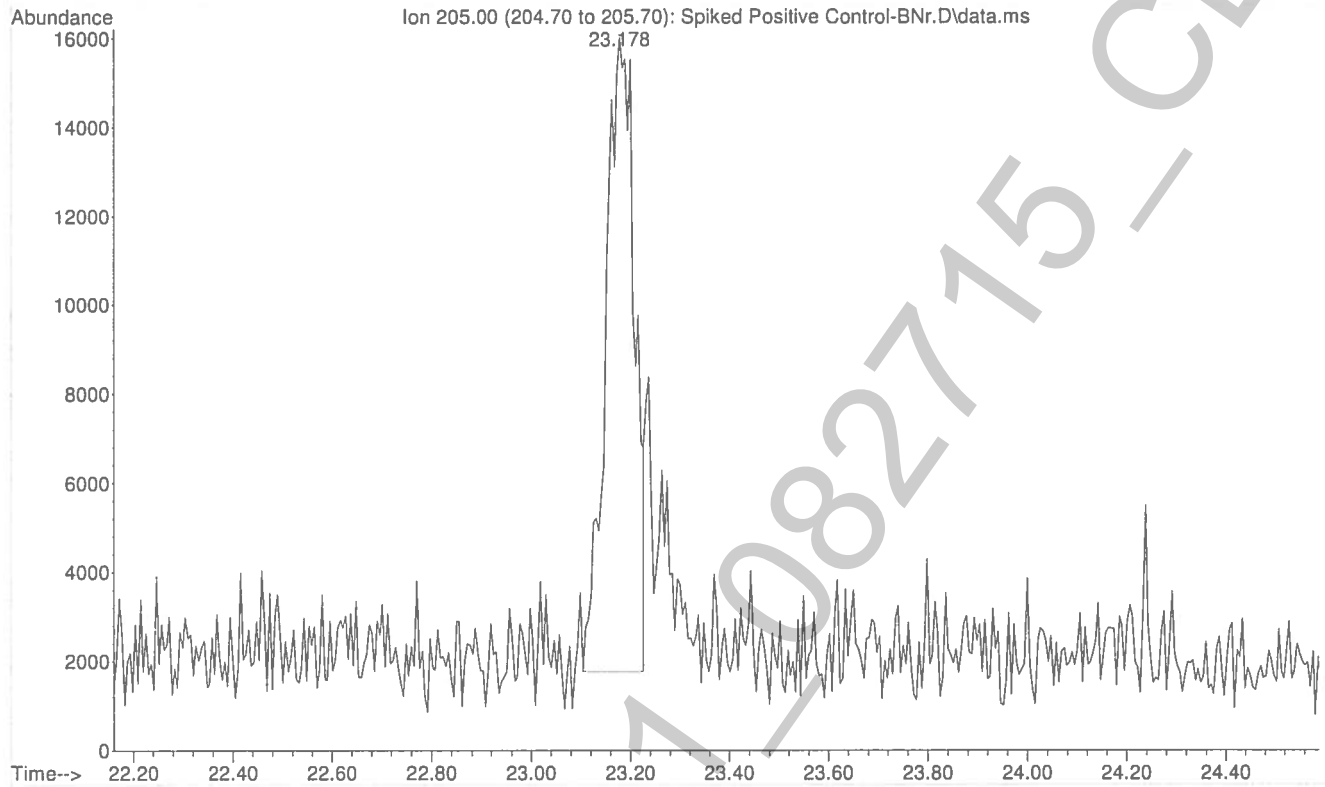Sample Name: Positive Control
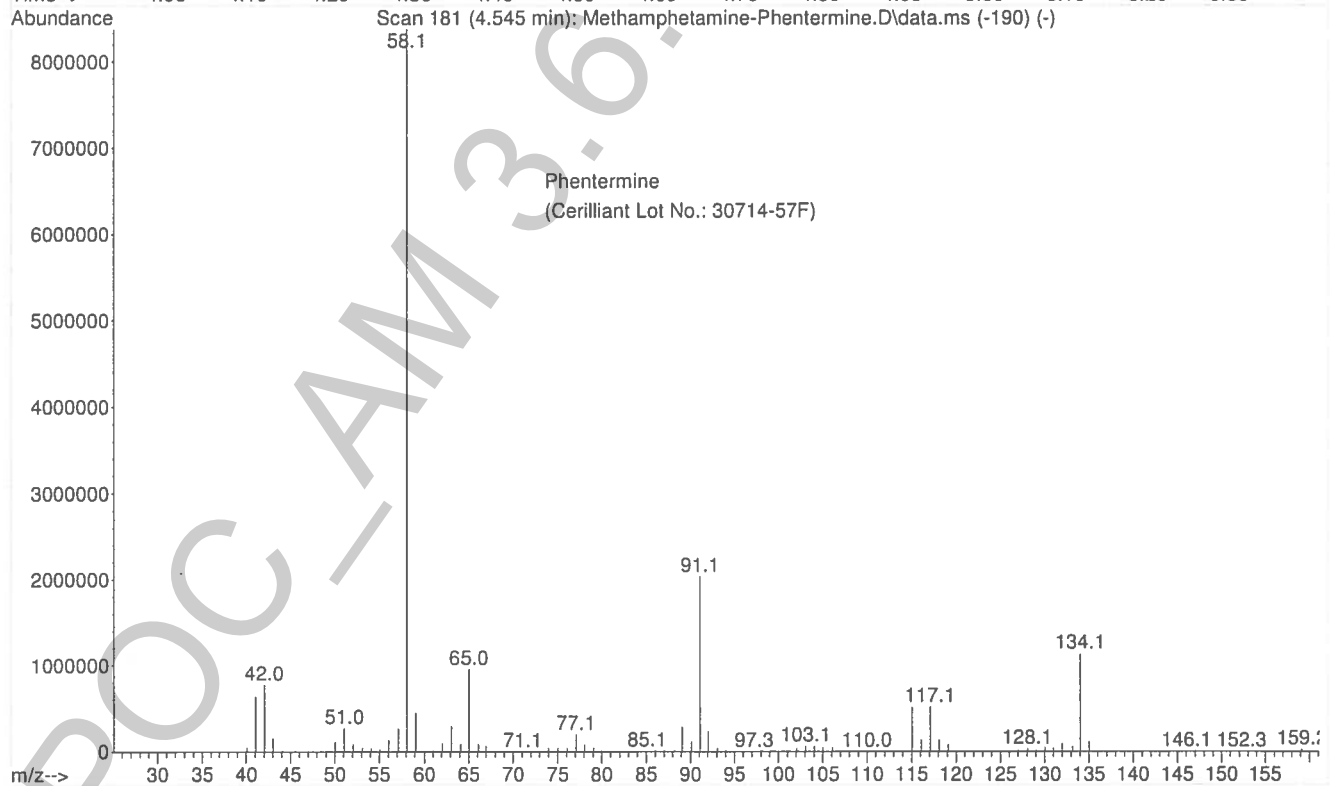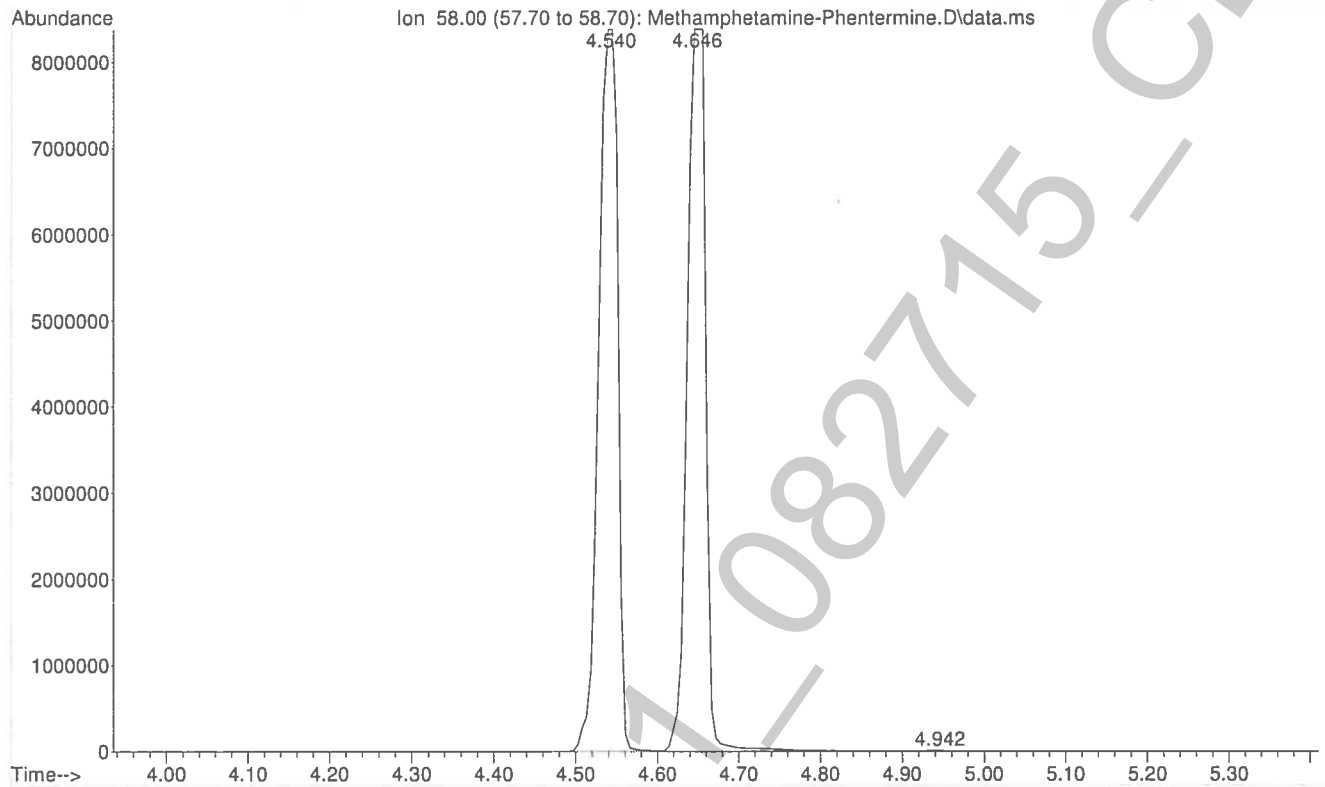Misc Info   : Analytical Method 3.6.1

Ion 205.00 (204.70 to 205.70): Spiked Positive Control-BNr.D\data.ms

Scan 3983 (23.178 min): Spiked Positive Control-BNr.D\data.ms (-3817) (-)

Trazodone (with background)

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Methamphetamine-Phentermine.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 04 Sep 2015 15:03   using AcqMethod BNSB120510.M
Sample Name: Methamphetamine/Phentermine POS Ctrl
Misc Info   : AM 3.6.1 Extracted RM

Ion 58.00 (57.70 to 58.70): Methamphetamine-Phentermine.D\data.ms

Scan 181 (4.545 min): Methamphetamine-Phentermine.D\data.ms (-190) (-)

Phentermine
(Cerilliant Lot No.: 30714-57F)

File   :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...   \Methamphetamine-Phentermine.D
Operator   : ISP\datastor
Instrument :   Major Mass Spec
Acquired   : 04 Sep 2015 15:03   using AcqMethod BNSB120510.M
Sample Name: Methamphetamine/Phentermine POS Ctrl
Misc Info : AM 3.6.1 Extracted RM

Ion 58.00 (57.70 to 58.70): Methamphetamine-Phentermine.D\data.ms

Scan 200 (4.646 min): Methamphetamine-Phentermine.D\data.ms (-226) (-)

Methamphetamine
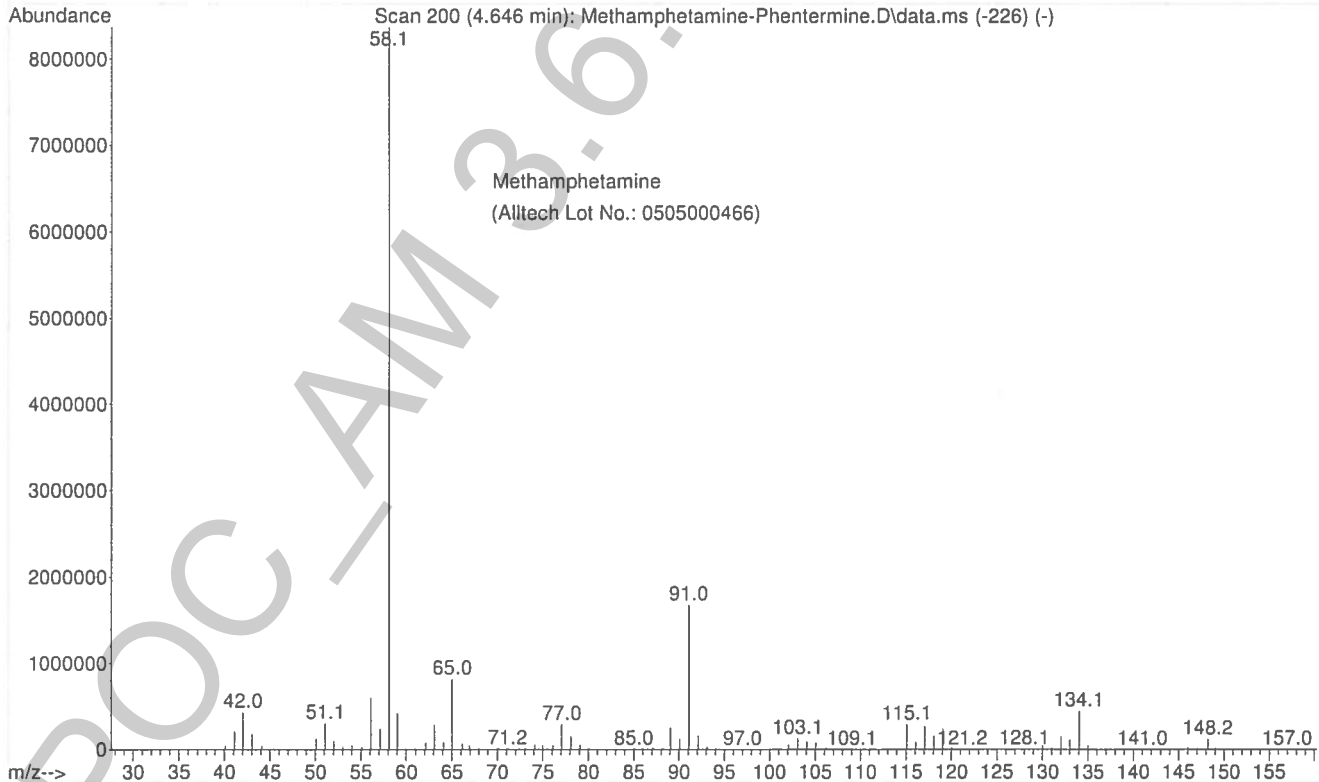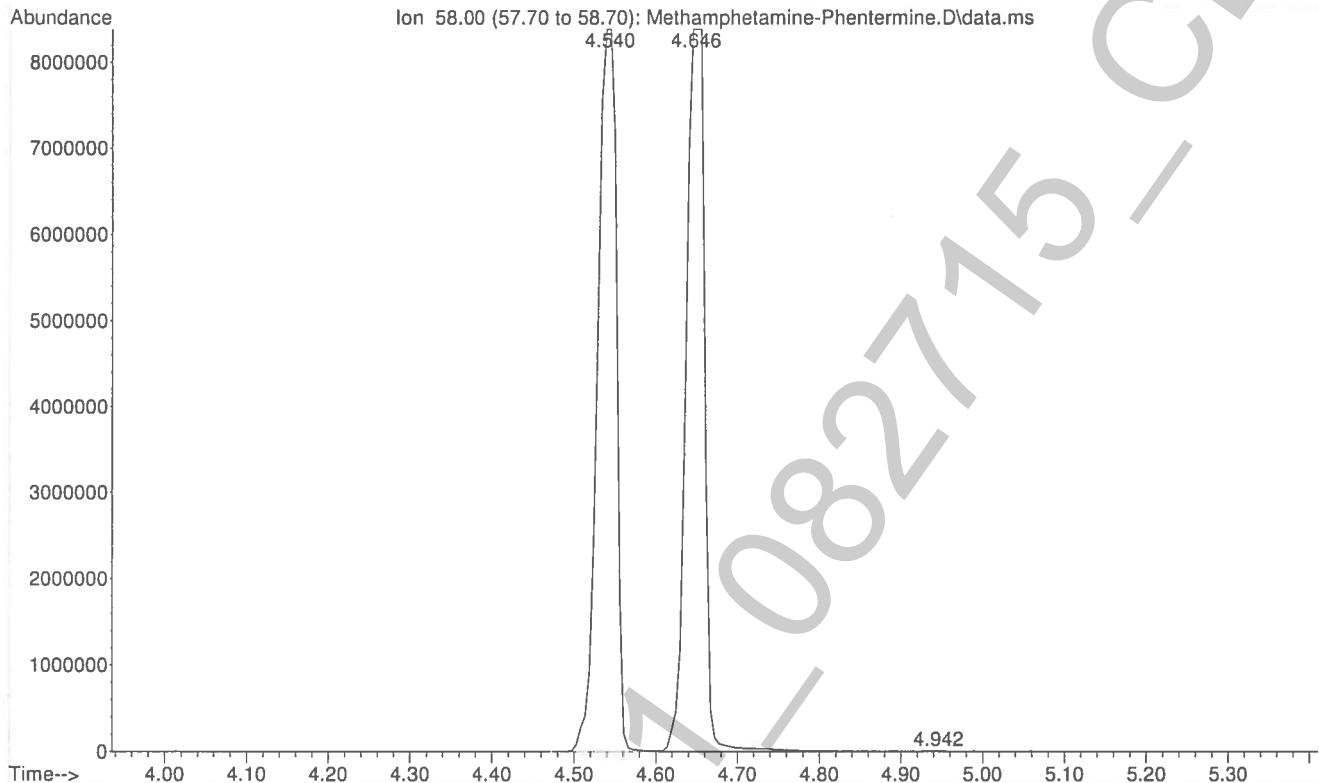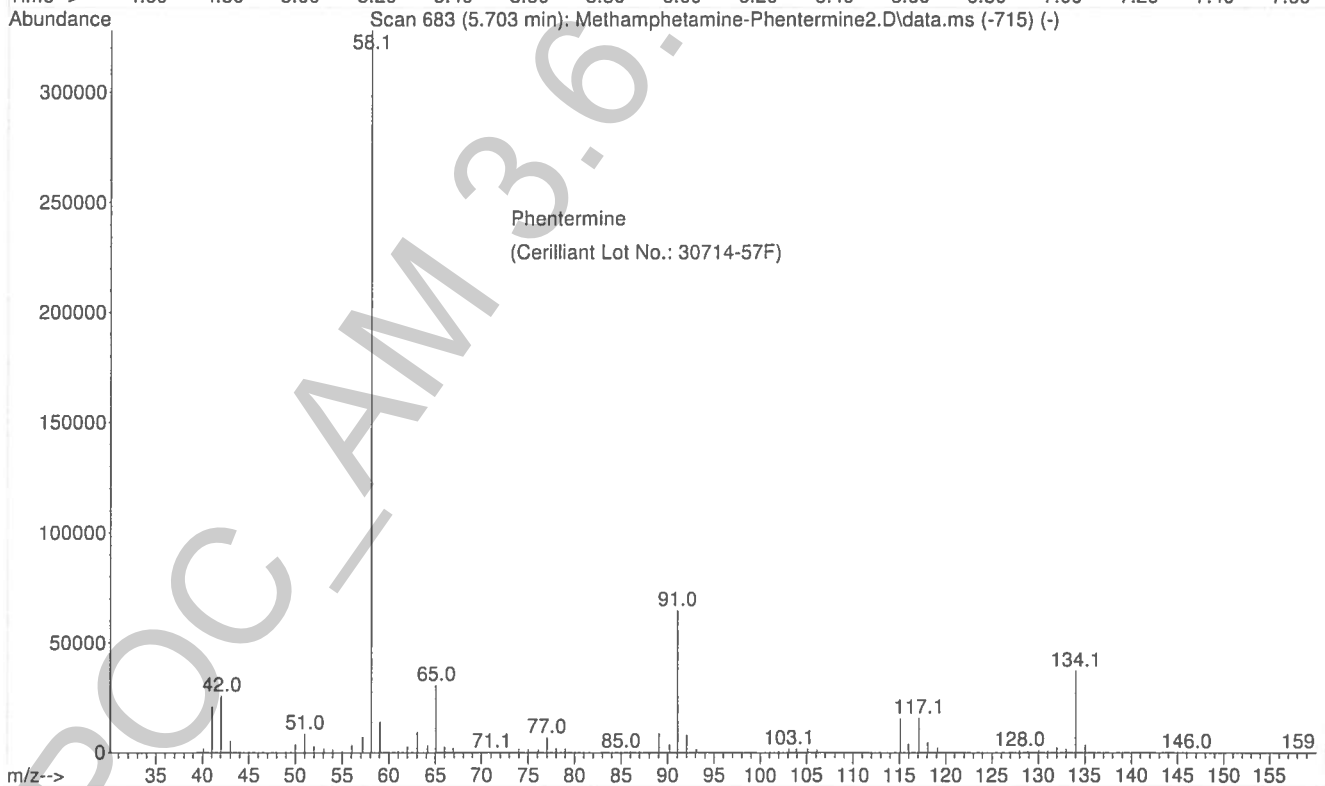(Alltech Lot No.: 0505000466)

```
File       :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...          \Methamphetamine-Phentermine2.D
Operator   : ISP\datastor
Instrument :    Major Mass Spec
Acquired   : 04 Sep 2015  15:25     using AcqMethod GBT092509.M
Sample Name: Methamphetamine/Phentermine POS Ctrl
Misc Info  : AM 3.6.1 Extracted RM
```

Abundance

Ion 58.00 (57.70 to 58.70): Methamphetamine-Phentermine2.D\data.ms

6.005

400000

350000

5.703

300000

250000

200000

150000

100000

50000

5.534   5.868

0

Time--> 4.60 4.80 5.00 5.20 5.40 5.60 5.80 6.00 6.20 6.40 6.60 6.80 7.00 7.20 7.40 7.60

Abundance

Scan 683 (5.703 min): Methamphetamine-Phentermine2.D\data.ms (-715) (-)

58.1

300000

250000

Phentermine

(Cerilliant Lot No.: 30714-57F)

200000

150000

100000

91.0

50000

134.1

42.0

65.0

51.0   117.1

71.1 77.0

85.0   103.1   128.0   146.0   159

m/z--> 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155
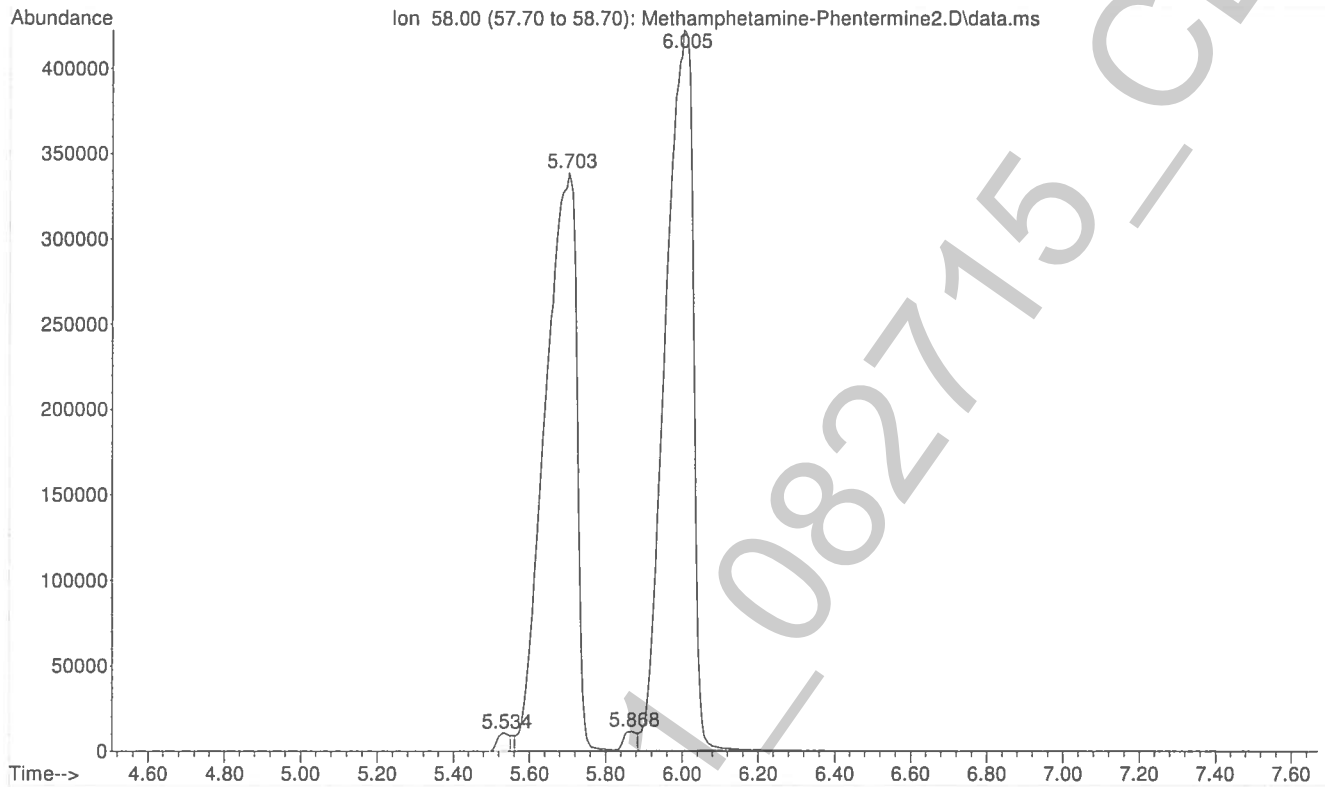
```
File        :I:\Instrument Data\Pocatello\Major Mass Spec\CDS\2015\082715
...            \Methamphetamine-Phentermine2.D
Operator    : ISP\datastor
Instrument  :    Major Mass Spec
Acquired    : 04 Sep 2015  15:25      using AcqMethod GBT092509.M
Sample Name: Methamphetamine/Phentermine POS Ctrl
Misc Info   : AM 3.6.1 Extracted RM
```

Abundance   Ion 58.00 (57.70 to 58.70): Methamphetamine-Phentermine2.D\data.ms

400000   6.005

350000   5.703

300000

250000

200000

150000

100000

50000
                          5.534   5.868
0
Time-->   4.20 4.40 4.60 4.80 5.00 5.20 5.40 5.60 5.80 6.00 6.20 6.40 6.60 6.80 7.00 7.20 7.40 7.60 7.80 8.00 8.20 8.40 8.60

Abundance   Scan 740 (6.005 min): Methamphetamine-Phentermine2.D\data.ms (-775) (-)

400000   58.1

350000
                              Methamphetamine

300000   (Alltech Lot No.: 0505000466)

250000

200000

150000

100000   91.1

50000
              42.1   51.1   65.1   115.1   134.1
                                            71.2 77.1   85.0   103.1   128.0   148.1
0
m/z-->   35   40   45   50   55   60   65   70   75   80   85   90   95 100 105 110 115 120 125 130 135 140 145 150 155