07/02/11 NOTE: BLANK OFF FLANGE ON AES-010 (D.S.) AND THE BLANK OFF FLANGE ON RI-019 (U.S.) WERE NOT ALIGNED TO THE CAVITY FLANGE ROTATIONALLY CAUSING STUD RAKE DURING REMOVAL

LEAK CHECK OF GV1, CAVITY 1, CAVITY 2, CAVITY 3, CAVITY 4

ACTIVE PUMPING
INSIDE - $5.96 \times 10^{-7}$ TORR
OUTSIDE - $6.61 \times 10^{-8}$ TORR
MKS - $1.20 \times 10^{-7}$ TORR
L.D. - $2.7 \times 10^{-11}$ MBAR L./S.

GV TO CAVITY 1
START SPRAY - 9:17 $2.7 \times 10^{-11}$ MBAR L./S.
STOP SPRAY - 9:19 $2.7 \times 10^{-11}$ MBAR L./S.

CAVITY 1 TO CAVITY 2
START SPRAY - 9:10 $2.7 \times 10^{-11}$ MBAR L./S.
STOP SPRAY - 9:12 $2.7 \times 10^{-11}$ MBAR L./S.

CAVITY 2 TO CAVITY 3
START SPRAY - 9:02 $2.7 \times 10^{-11}$ MBAR L./S.
STOP SPRAY - 9:04 $2.7 \times 10^{-11}$ MBAR L./S.

CAVITY 3 TO CAVITY 4
START SPRAY - 8:56 $2.7 \times 10^{-11}$ MBAR L./S.
STOP SPRAY - 8:58 $2.7 \times 10^{-11}$ MBAR L./S.
END TEST @

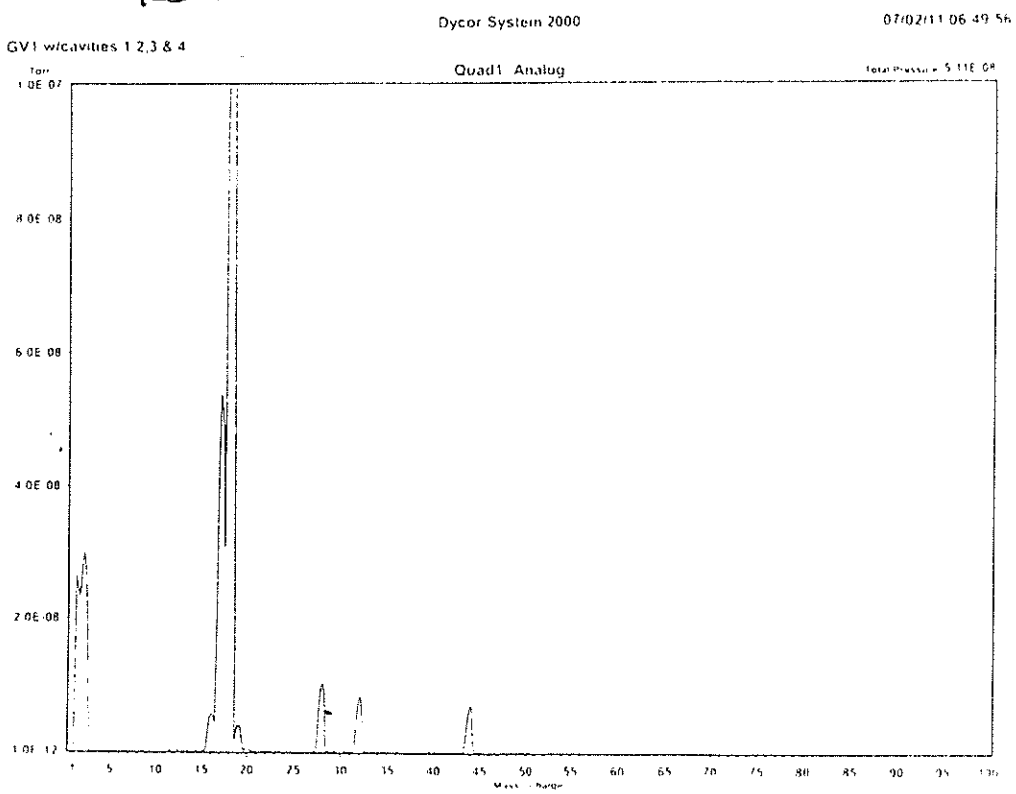
* NOTE: INTER CONNECT BELLOWS WERE BAGGED AND BACK FILLED W/HELIUM DURING L.C. PROCESS

RESULTS: NO RESPONSE TO HELIUM.

RGA AFTER PUMPING OVER NIGHT

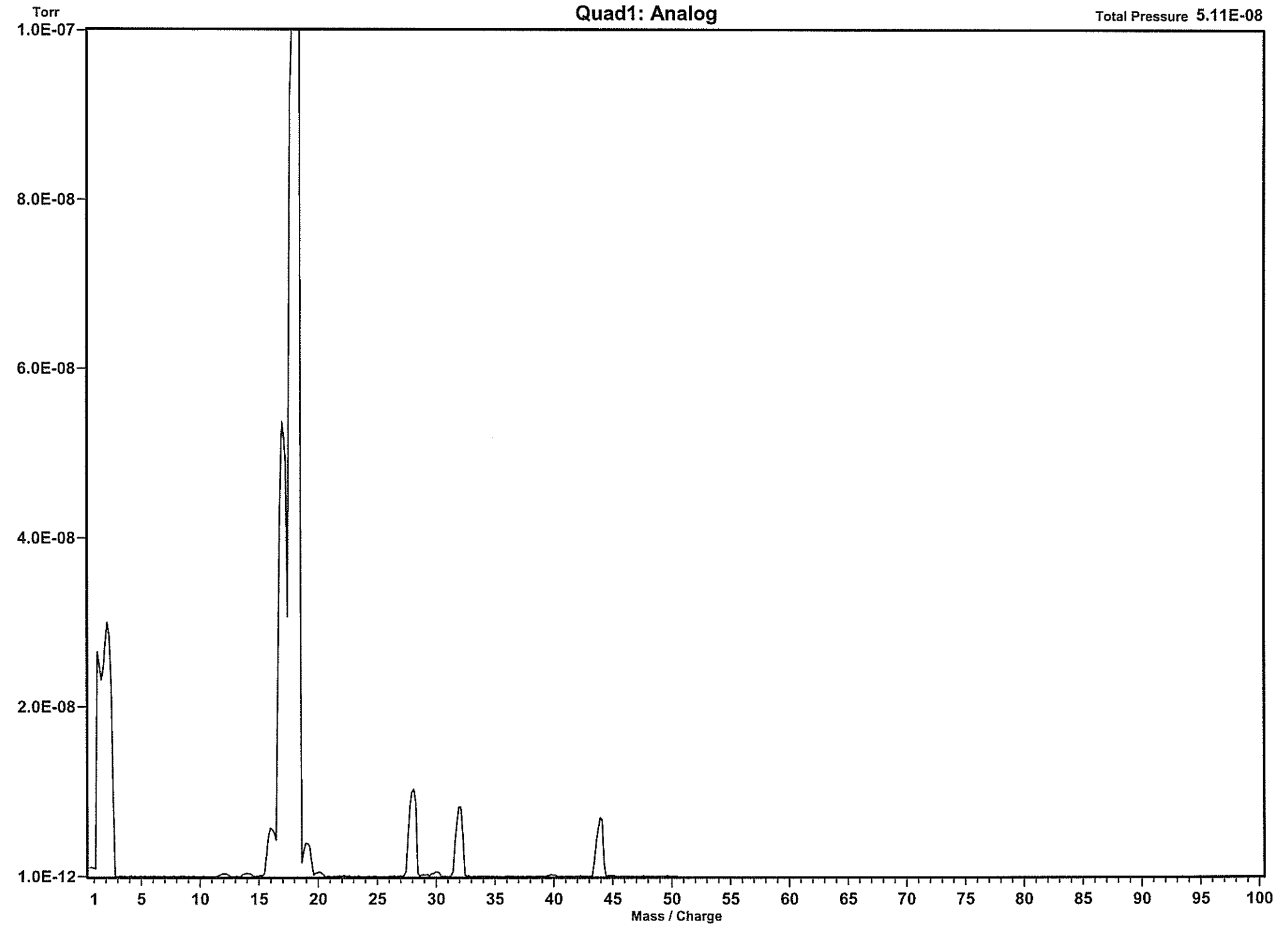
START BACK FILL 9:27

BACK FILL COMPLETE 11:03




BRIAN SMITH
MARCO BATTISTONI
MARK CHLEBEK

Dycor System 2000

07/02/11 06:49:56

GV1 w/cavities 1,2,3 & 4