A690

MEMORANDUM GO-144

TO: MR. J. Castle

4/24/ 1987

FROM: MR. M. W. Smith

SUBJECT: XRD - Pan Am #1 Lingelbach

OUR FILE:

YOUR FILE:

Seven (7) samples from the Pan Am #1 Lingelbach well were analyzed by X-Ray Diffraction. The mineralogy for each depth sampled is listed below.

6917': Quartz, feldspar, calcite, dolomite
6926': Illite, quartz, feldspar, calcite, dolomite
6997.4': Illite, kaolinite, quartz, feldspar, calcite, dolomite
7002': Illite, quartz, feldspar, calcite, dolomite
7021.4': Quartz, feldspar, calcite, dolomite
7025.': Illite, quartz, feldspar, calcite, dolomite
7027.6': Quartz, calcite, dolomite

If you have any questions, please call me at X-3694.

MWSmith

WHEN REPLY IS REQUIRED, FORWARD ORIGINAL AND ONE COPY

GO-144 (7/80)

MEMORANDUM GO-144

TO: MR. J. Castle P. E. Flynn 3/25/ 1987

FROM: MR. M. W. Smith

SUBJECT: XRD - Pan Am #1 Lingelbach

OUR FILE:

YOUR FILE:

Three (3) samples from the Pan Am #1 Lingelbach well were analyzed by X-Ray Diffraction. The mineralogy for each sample depth is listed below.

6924': Illite/smectite, quartz, feldspar, calcite, dolomite
7007': Smectite, illite/smectite, kaolinite, quartz, feldspar, calcite, dolomite
7015': Illite/smectite, kaolinite, quartz, feldspar, calcite, dolomite

If you have any questions, please call me at x-3694.

MWSON

WHEN REPLY IS REQUIRED, FORWARD ORIGINAL AND ONE COPY

GO-144 (7/80)

MEMORANDUM GO-144

TO: MR. File 4/24/1987

FROM: MR. JWC

SUBJECT: Pan Am #1 Lingelbach Geochemistry Data

OUR FILE:

YOUR FILE:

Sample #	Depth	*TOC
791-002	6924.0'	2.82
-006	7007.0'	0.31
-007	7015.0'	0.09

* TOC = total organic carbon (wt. percent)

WHEN REPLY IS REQUIRED, FORWARD ORIGINAL AND ONE COPY

GO-144 (7/80)

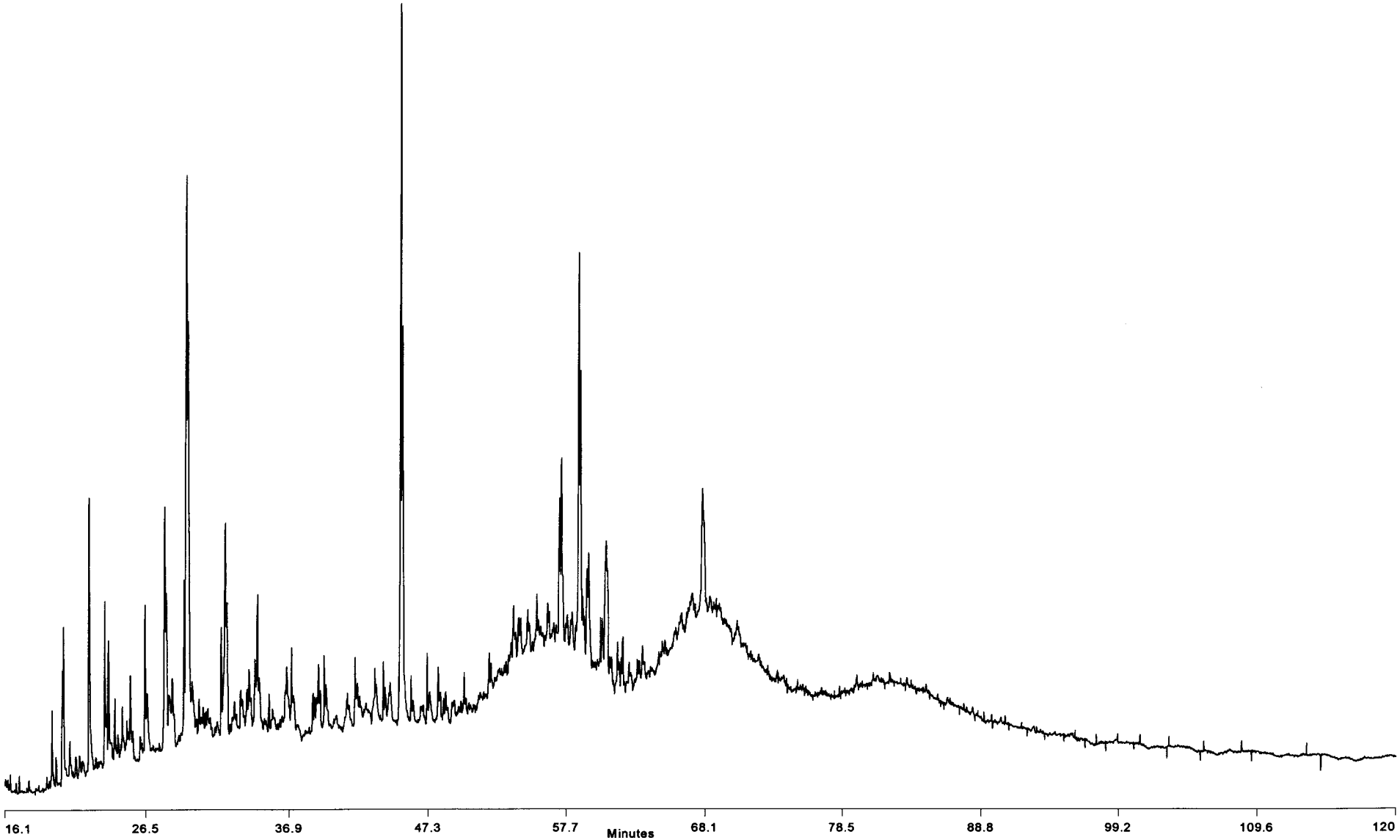
PAN AM Petroleum

WELL: Pan American 1 USA Lyle Lingelbach A690

depth: 6925 ft

UINTAH, UTAH
T 6S - R 21E - 29

TOC (%): 2.42 HI (mg HC/g C_{org}): 840 OI (mg CO_2/g C_{org}): 24 Tmax (°C): 431



* = Internal Standard $C_{24}D_{50}$
GC: 40-360°C @ 4°/min, 120 min, DB-1HT, 0.25 µm film

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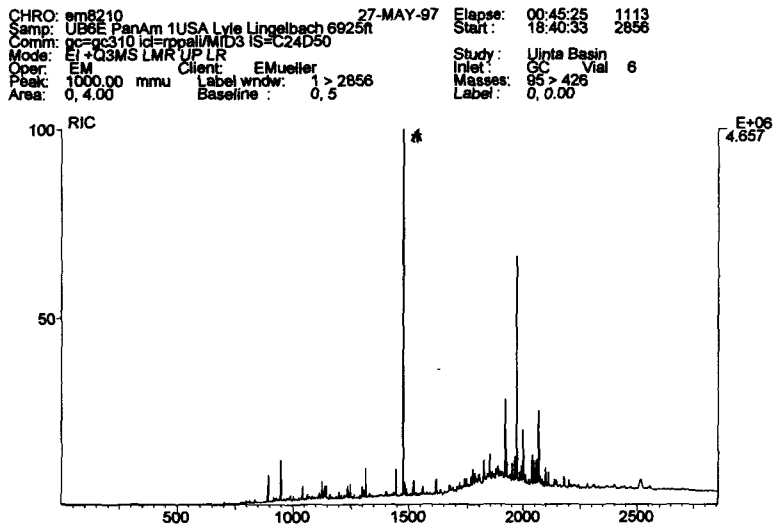
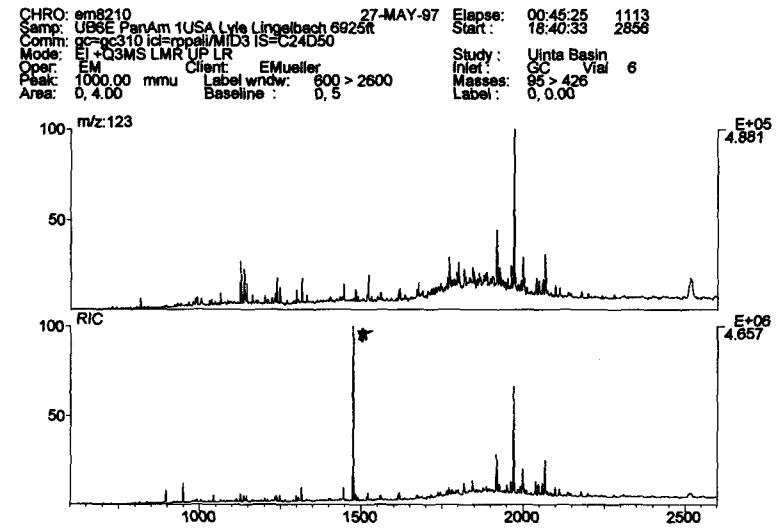
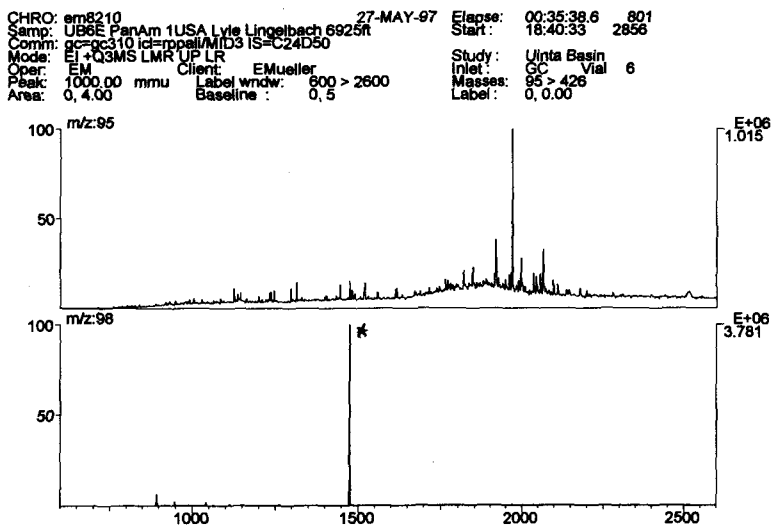
School of Geology & Geophysics
Organic Geochemistry

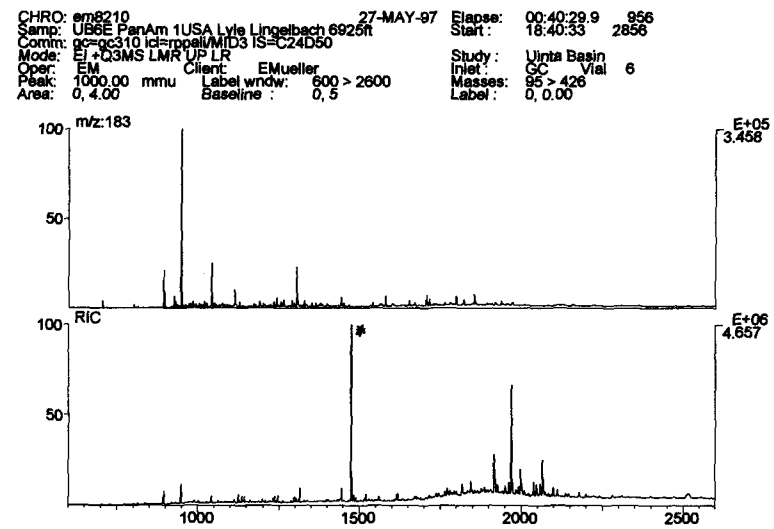
WELL: Pan American 1 USA Lyle Lingelbach
depth: 6,925 ft

* = Internal Standard $C_{24}D_{50}$









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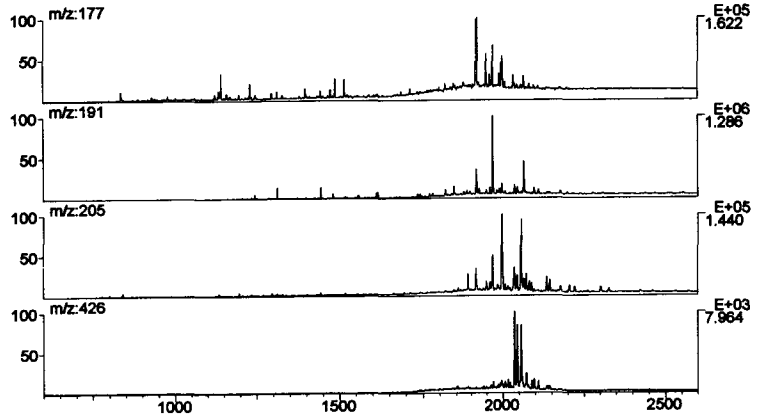
WELL: Pan American 1 USA Lyle Lingelbach
depth: 6,925 ft

* = Internal Standard $C_{24}D_{50}$

CHRO: em8210 27-MAY-97 Elapse: 00:36:25.7 826
Samp: UB6E PanAm 1USA Lyle Lingelbach 6925ft Start: 18:40:33 2856
Comm: gc=gc310 icl=rppali/MID3 IS=C24D50
Mode: EI +Q3MS LMR UP LR Study: Uinta Basin
Oper: EM Client: EMueller Inlet: GC Vial 6
Peak: 1000.00 mmu Label wndw: 600 > 2600 Masses: 95 > 426
Area: 0, 4.00 Baseline: 0, 5 Label: 0, 0.00



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Mode: EI +Q3MS LMR UP LR Study: Uinta Basin
Oper: EM Client: EMueller Inlet: GC Vial 6
Peak: 1000.00 mmu Label wndw: 600 > 2600 Masses: 95 > 426
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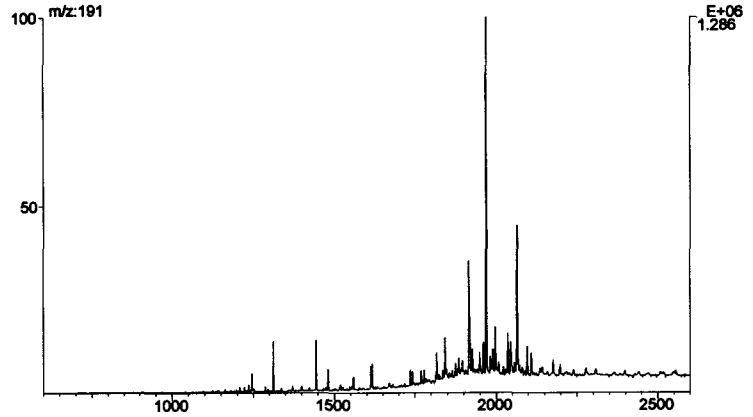

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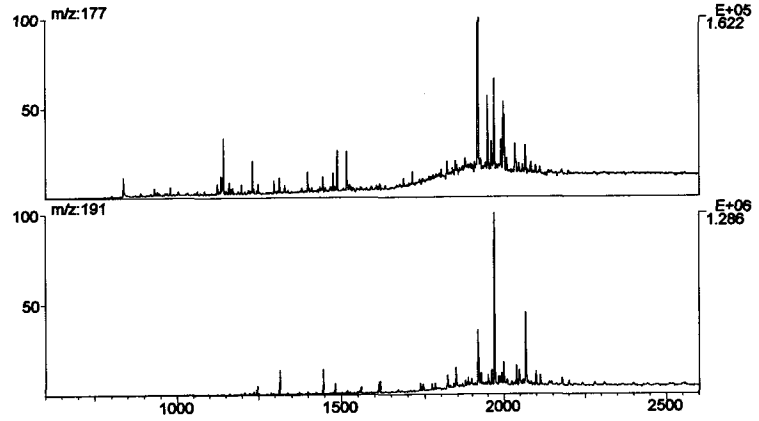
Mode: EI +Q3MS LMR UP LR Study: Uinta Basin
Oper: EM Client: EMueller Inlet: GC Vial 6
Peak: 1000.00 mmu Label wndw: 600 > 2600 Masses: 95 > 426
Area: 0, 4.00 Baseline: 0, 5 Label: 0, 0.00



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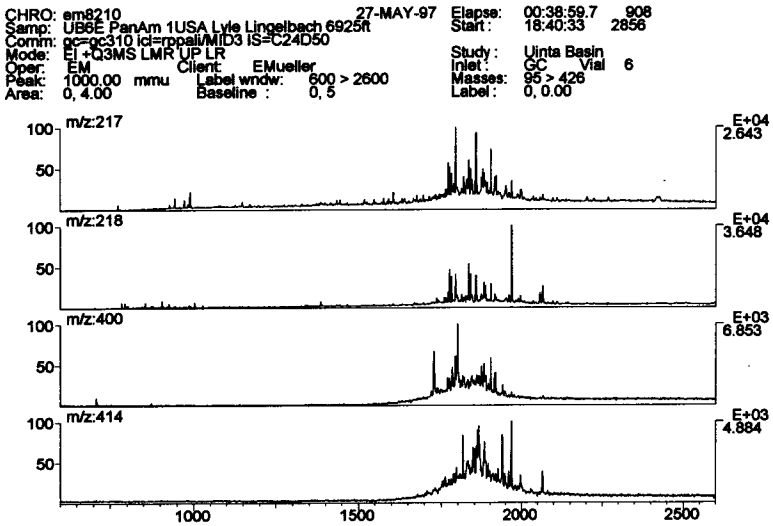
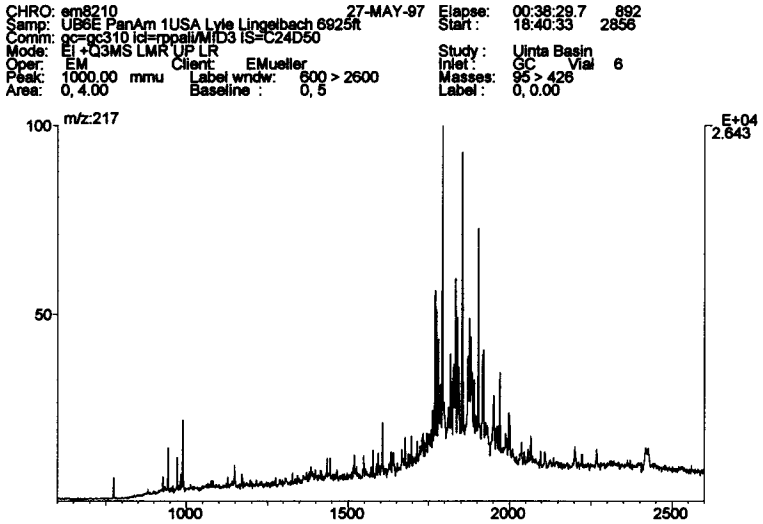
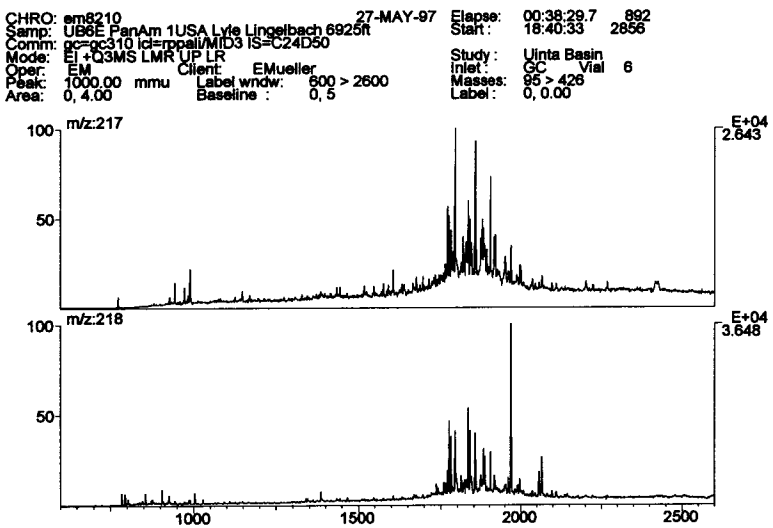
WELL: Pan American 1 USA Lyle Lingelbach
depth: 6,925 ft

* = Internal Standard $C_{24}D_{50}$







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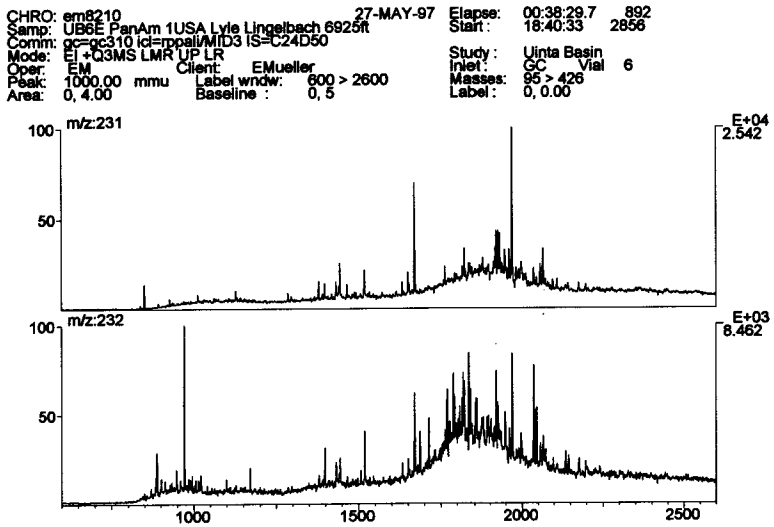
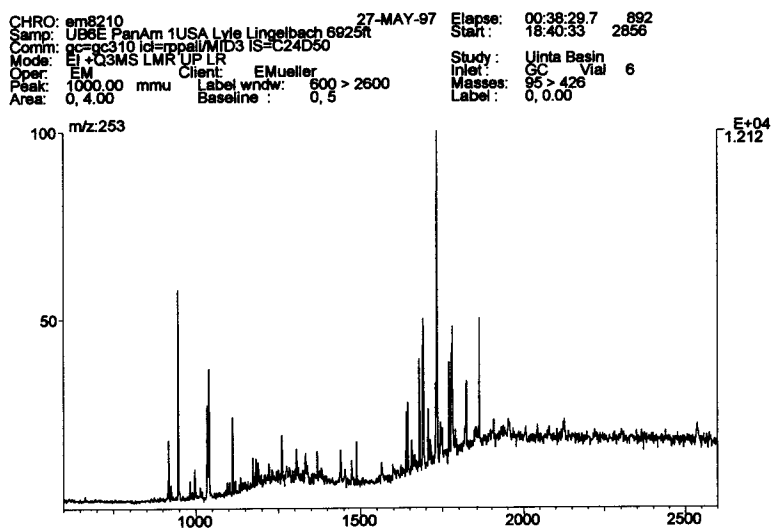
WELL: Pan American 1 USA Lyle Lingelbach
depth: 6,925 ft

* = Internal Standard $C_{24}D_{50}$





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